

2025-2026

**OSSAA  
REGIONAL  
CHAMPIONSHIP**

High School

**GAME 1**

Welcome to the Oklahoma Secondary School Activities Association Academic Bowl. Audience, please remember this competition is between the two teams here. Do not whisper or say aloud the answer to the question. Please turn off all cell phones, tablets, or any device that can receive or send messages. If these go off, even silently, they could interfere with the wireless system used in our competition. Even if this room is not wireless, an adjoining room could be using a wireless system. Coaches, team members, and guests are to sit behind their team. As in all contests, sportsmanship is important. Coaches, your protests need to be at the allowed times. Team members, you will remain quiet while the opposing team is answering during both the toss-up and sixty second quarters.

Respect for the opponent, spectators, coaches, and officials is necessary at all levels of athletics and activity programs. At today's game, everyone's behavior should be characterized by generosity and genuine concern for others. Sportsmanship is everyone's responsibility, do the right thing.

- Introduce yourself and the chief judge.
- **Give your four count.** – Do this for every match (Game Procedures A – 11)
- Have the chief judge check the buzzers.

Note (do not read):

Official closest to scorekeeper: Make sure that scorekeeper has **full names** of students and check after first few questions that they are fully shading in correct answers, and marking correct answers only.

Official closest to timekeeper: Make sure the timekeeper is starting the clock and clearing for the first few questions.

(BEGINNING OF GAME)

Welcome to the Oklahoma Secondary School Activities Association Academic Bowl. You have previously been instructed regarding the rules. Please turn off all cell phones, tablets, or any device that can receive or send messages. Coaches, team members, and guests are to sit behind their team. Coaches, your protests need to be at the allowed times.

- Introduce yourself and the chief judge.
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**OSSAA 2025-2026  
REGIONALS GAME 1  
QUARTER 1  
TOSS-UP QUESTIONS**

**Team 1    Team 2**

1. **Math Computation:** Math Computation: What is the fifth derivative of  $e^{(2x)}$  [read: e to the 2x power]?

\_\_\_\_\_

\_\_\_\_\_

**Answer:**  $32e^{(2x)}$  [read: 32 e to the 2x (power)]

2. This pilot developed the pressure suit used for high-altitude flight and died while testing an experimental aircraft. Flying his Lockheed Vega aircraft, he was the first person to fly solo around the world, completing the journey in 1933. Who was this pioneering Oklahoman aviator?

\_\_\_\_\_

\_\_\_\_\_

**Answer:** Wiley Post

3. This fantasy novel follows a princess named Aerin who discovers an ancient recipe for a fireproof salve and uses it to slay a deadly dragon threatening her kingdom. She later journeys to defeat the demonic wizard Agsded and claim the mystical crown of Damar. Name this novel by Robin McKinley.

\_\_\_\_\_

\_\_\_\_\_

**Answer:** *The Hero and the Crown*

4. These ions are used in fertilizers and contribute to water pollution through runoff, often causing eutrophication [read as: you-troh-fuh-kay-shun]. They also act as oxidizers in explosives such as gunpowder. What is this class of polyatomic ions made of three oxygen atoms bonded to one nitrogen atom?

\_\_\_\_\_

\_\_\_\_\_

**Answer:** Nitrates

**OSSAA 2025-2026  
REGIONALS GAME 1  
QUARTER 1  
TOSS-UP QUESTIONS**

5. This Swedish pop group gained international fame after winning the 1974 Eurovision Song Contest and became one of the best-selling music acts of all time. In 2013, a museum honoring their legacy opened in Stockholm. Name this group known for songs like *Waterloo* and *Dancing Queen*.

\_\_\_\_\_

**Answer:** ABBA

6. This phenomenon involves the splitting of atomic spectral lines when atoms are placed in an external magnetic field. It results from changes in the energy levels of electrons and provides key evidence for electron spin and magnetic moment. What is this effect that reveals magnetic interactions in atomic and molecular spectra?

\_\_\_\_\_

**Answer:** Zeeman Splitting (Also accept: Zeeman Effect)

7. **Math Computation:** What is the z-score in a normally distributed data set with a score of 86, a mean of 37, and a standard deviation of 7? Remember, z-score is a unitless number which equals the difference between  $x$  and  $\mu$  all divided by  $s$ .

\_\_\_\_\_

**Answer:** 7

8. This biome experiences strong winds, nearly 24-hour daylight during summer, and supports animals like musk oxen and foxes. Its vegetation is limited to mosses, lichens, and small shrubs due to extreme cold and nutrient-poor soil. Defined by a layer of permanently frozen subsoil, what is this treeless Arctic biome?

\_\_\_\_\_

**Answer:** Tundra

**OSSAA 2025-2026  
REGIONALS GAME 1  
QUARTER 1  
TOSS-UP QUESTIONS**

9. **Math Computation:** Find  $f(g(x))$  [read: F of G of x] if  $f(x) = x / (x + 1)$  [read: F of x equals x over the quantity x plus 1 end quantity] and  $g(x) = 2/x$  [read: G of x equals 2 over x]. Simplify your answer.

\_\_\_\_\_

**Answer:** (F of G of x =)  $2 / (x + 2)$  [read: 2 over the quantity x plus 2 end quantity] [accept:  $2 / (2 + x)$ ]

10. This literary character is a twelve-year-old genius and heir to a powerful Irish family known for its criminal dealings. Using his intellect and technology, he kidnaps a fairy officer named Holly Short in hopes of restoring his family's fortune through ransom gold. Name this titular mastermind created by Eoin Colfer.

\_\_\_\_\_

**Answer:** Artemis Fowl

11. This museum, the site of its first major theft since 1998, was targeted in October 2025 when masked thieves disguised as workers stole eight Napoleonic-era jewels worth over \$100 million in a seven-minute heist. What Paris museum was the scene of this daylight robbery?

\_\_\_\_\_

**Answer:** The Louvre

12. This mathematician solved the Seven Bridges of Königsberg problem, laying the groundwork for graph theory. He made major contributions to number theory, geometry, and calculus, and introduced modern notation for functions and the constant  $e$ . Name this influential Swiss mathematician of the eighteenth century.

\_\_\_\_\_

**Answer:** Leonhard Euler

**OSSAA 2025-2026  
REGIONALS GAME 1  
QUARTER 1  
TOSS-UP QUESTIONS**

13. This physicist applied statistics to thermodynamics, linking entropy to the number of possible microscopic states. His constant appears in the ideal gas law and energy distribution equations. What is the last name of this Austrian scientist whose famous entropy equation is engraved on his tombstone?

\_\_\_\_\_

**Answer:** Ludwig Boltzmann

14. **Math Computation:** What is the area, in square feet and including the term pi, of a circle that has a circumference of  $50\pi$  feet?

\_\_\_\_\_

**Answer:**  $625\pi$

15. This 6-letter musical term refers to a stately dance in  $3/4$  time that originated in the Baroque era and was popular in 18th-century courtly settings. It is often paired with a contrasting trio section and commonly appears as the third movement in classical symphonies. Name this elegant dance form.

\_\_\_\_\_

**Answer:** Minuet

16. This atomic model introduced the concept of quantized electron orbits and successfully explained the emission spectrum of hydrogen by associating energy levels with specific radii. Though later refined by quantum mechanics, it marked a key step in atomic theory. What is this early 20th-century model proposed by a Danish physicist?

\_\_\_\_\_

**Answer:** Rutherford-Bohr model

**OSSAA 2025-2026  
REGIONALS GAME 1  
QUARTER 1  
TOSS-UP QUESTIONS**

17. This U.S. president secured funding for projects like the Cumberland Road and supported the creation of a national university and naval academy. He later argued the Amistad case before the Supreme Court and fought against the "gag rule" in Congress. Who was this man elected in 1824?

\_\_\_\_\_

**Answer:** John Quincy Adams

18. This literary character travels to a magical island where she takes on a motherly role, caring for a group of boys. She meets a boy retrieving his shadow from her nursery window. Name this character who journeys to Neverland in *Peter Pan* by J.M. Barrie.

\_\_\_\_\_

**Answer:** Wendy Darling

19. Used to justify absolute rule in 16th and 17th-century Europe, this political doctrine was notably invoked by rulers such as Louis XIV of France. It claimed that monarchs held their authority directly from God and were not subject to any earthly authority. What is this belief in God-granted monarchy?

\_\_\_\_\_

**Answer:** Divine right (of Kings)

20. This poet collaborated with Igor Stravinsky on an unfinished opera. He wrote about the fictional village of Llareggub and urged his dying father to "rage against the dying of the light." Name this Welsh author of *Do Not Go Gentle into That Good Night*.

\_\_\_\_\_

**Answer:** Dylan

**Moderator:** (Check score with chief judge and scorekeeper.)

**The score at the end of the first quarter is:**

(school name) \_\_\_\_\_ has \_\_\_\_\_ points

(school name) \_\_\_\_\_ has \_\_\_\_\_ points

**Coaches you may approach your team for 30 seconds to assist in any questions.**

**This is not a charged time out and this is not your substitution meeting.** (Pause briefly for protests.)

**Are there any questions?**

**Chief Judge:** (Restate the score if they have changed because of protests.)

**(In case of a tie after the first quarter) Since the score is tied, we will continue with additional toss-up questions until one team scores.** (Restate the score if necessary)

### 2<sup>nd</sup> Quarter – Sixty Second Instructions

**Moderator** The second quarter of sixty second questions is about to begin. Everyone please be seated.

**The categories for the 2<sup>nd</sup> quarter are: (Brief description)**

1. FINE ARTS – POPULAR SAYINGS FROM NON-ENGLISH LANGUAGES
2. POP CULTURE – GAME SHOW HOSTS
3. SPORTS- NBA COACHES BY TEAM

**Teams, you may huddle with your team and coach away from the playing table for 30 seconds to discuss substitutions and category selection. Please leave all paper and pencils at your table during this huddle. Your 30 seconds begins now. (Begin time) Time is up, please return to your tables. Do not bring anything back to the table with you.**

**Substituting team members, check in with the scorekeeper and designate your captains for this round.**

**Because (school name) is ahead at this time, they will have the choice to play or defer until the 4<sup>th</sup> quarter.**

- **You will have 10 seconds to make your decision. (School name) do you choose to play or defer?**
- **(Address playing team) You will have 10 seconds to choose your category (re-read the above categories)**
- **(If the 10 second buzzer goes off, the moderator will ask for an immediate response.)**
- **Since (school name) is playing first, they may move to a position behind their captain. (Other team) will put down their pencils until their time to play. Captain, all answers will come from you unless you defer to another student.**

**Moderator** (School name) You have your choice of the two remaining categories. (Other team) put down your pencils. (Active school) may move to a position behind your captain. You will have 10 seconds to make your choice.

**The selections are:**

- 1.
- 2.

**Moderator** (Check the score with the chief judge and score keeper.)

**The score at the end of the first half is:**

(School name) \_\_\_\_\_ has \_\_\_\_\_ points

(School name) \_\_\_\_\_ has \_\_\_\_\_ points.

**Are there any questions? Coaches you may approach your team for 30 seconds to assist in any questions. This is not a charged time out.** (Pause briefly for protests.)

**This concludes the first half of play. We will pause for substitutions**

**Substituting team members, please check in with the scorekeeper. WE WILL NOW BEGIN 3<sup>RD</sup> QUARTER TOSS-UP QUESTIONS.**

**OSSAA 2025-2026  
REGIONALS GAME 1  
QUARTER 2  
LIGHTNING ROUND**

**Fine Arts: Popular Sayings from Non-English Languages**

**Directions:** Given the language it comes from and the meaning, give the popular phrase.

- |                                                     |                   |
|-----------------------------------------------------|-------------------|
| 1. Swahili: "No worries"                            | Hakuna matata     |
| 2. French: "Enjoy your meal"                        | Bon appétit       |
| 3. Spanish: "That's exactly how it is"              | Eso sí que es     |
| 4. French: "Small appetizer before the main course" | Hors d'œuvre      |
| 5. Latin: "Let the buyer beware"                    | Caveat emptor     |
| 6. French: "A social blunder"                       | Faux pas          |
| 7. Latin: "Seize the day"                           | Carpe diem        |
| 8. French: "Already seen" (familiar feeling)        | Déjà vu           |
| 9. Latin: "An unwelcome person"                     | Persona non grata |
| 10. French: "An indescribable special quality"      | Je ne sais quoi   |

**Extras:**

- |                                                      |              |
|------------------------------------------------------|--------------|
| 11. Latin: "To the point of annoyance or repetition" | Ad nauseam   |
| 12. French: "That's life"                            | C'est la vie |

**OSSAA 2025-2026  
REGIONALS GAME 1  
QUARTER 2  
LIGHTNING ROUND**

**Pop Culture: Game Show Hosts**

**Directions:** Given the game show and hosting years, name the most well-known host.

1. *Jeopardy!* host from 1984 to 2020 Alex Trebek
2. *The Price is Right* host from 1972 to 2007 Bob Barker
3. *Family Feud* host since 2010 Steve Harvey
4. *Who Wants to Be a Millionaire* from 1999 to 2002 Regis Philbin
5. *Wheel of Fortune* from 1981 to 2024 Pat Sajak
6. *Deal or No Deal* from 2005 to 2019 Howie Mandel
7. *Let's Make a Deal* host since 2009 Wayne Brady
8. *Are You Smarter Than a 5th Grader?* from 2007 to 2015 Jeff Foxworthy
9. *Whose Line is it Anyway* from 1998 to 2007 Drew Carey
10. *Minute to Win It* from 2010 to 2011 Guy Fieri
- 11. Extras:**
12. *Cash Cab* host from 2005 to 2020 Ben Bailey
13. *Hollywood Squares* center square star from 1968 to 1981 Paul Lynde

**OSSAA 2025-2026  
REGIONALS GAME 1  
QUARTER 2  
LIGHTNING ROUND**

**Sports: NBA Coaches by Team**

**Directions:** Given the name of an NBA team, name their head coach as of October 20, 2025

- |                          |                         |
|--------------------------|-------------------------|
| 1. LA Clippers           | Tyronn <u>Lue</u>       |
| 2. Dallas Mavericks      | Jason <u>Kidd</u>       |
| 3. Atlanta Hawks         | Quin <u>Snyder</u>      |
| 4. Los Angeles Lakers    | JJ <u>Redick</u>        |
| 5. Detroit Pistons       | J.B. <u>Bickerstaff</u> |
| 6. Golden State Warriors | Steve <u>Kerr</u>       |
| 7. Chicago Bulls         | Billy <u>Donovan</u>    |
| 8. Charlotte Hornets     | Charles <u>Lee</u>      |
| 9. Cleveland Cavaliers   | Kenny <u>Atkinson</u>   |
| 10. Denver Nuggets       | David <u>Adelman</u>    |
| <b>Extras:</b>           |                         |
| 11. Houston Rockets      | Ime <u>Udoka</u>        |
| 12. Brooklyn Nets        | Jordi <u>Fernandez</u>  |

**OSSAA 2025-2026  
REGIONALS GAME 1  
QUARTER 3  
TOSS-UP QUESTIONS**

**Team 1    Team 2**

21. This novel centers on law student Darby Shaw, who writes a legal document linking the assassinations of two Supreme Court justices. After her theory proves accurate, she's forced to flee while teaming up with journalist Gray Grantham. Name this legal thriller by John Grisham, later adapted into a film starring Julia Roberts.

\_\_\_\_\_

**Answer:** The Pelican Brief

22. **Math Computation:** Simplify  $i^{64}$  [read: i to the 64th power].

\_\_\_\_\_

**Answer:** 1

23. This object was seized by Edward I in 1296 and taken to Westminster Abbey, where it remained beneath the Coronation Chair for centuries. It was briefly stolen by Scottish students in 1950 and returned permanently to Scotland in 1996. Name this sandstone block historically used in the coronation of Scottish and later British monarchs.

\_\_\_\_\_

**Answer:** The Stone of Scone

24. **Math Computation:** Reduce  $\sqrt{98}$  [read: radical 98] into its simplest form.

\_\_\_\_\_

**Answer:**  $7\sqrt{2}$  [read: 7 radical (square root) 2]

**OSSAA 2025-2026  
REGIONALS GAME 1  
QUARTER 3  
TOSS-UP QUESTIONS**

25. In this novel, a girl named Sophie is taken from her orphanage by a towering figure who collects dreams and speaks in scrambled English. Unlike others in Giant Country, he refuses to eat humans. Name this Roald Dahl book in which they enlist the Queen of England for help.

\_\_\_\_\_

**Answer:** *The BFG*

26. **Math Computation:** Find the values of x which make the following function undefined:  $f(x) = 1 / (x^2 + 4x - 5)$  [read: F of x equals 1 over the quantity x squared plus 4x minus 5 end quantity].

\_\_\_\_\_

**Answer:** (x =) 1 and -5 [must have both answers]

27. This French Canadian filmmaker, known for directing *Arrival*, *Blade Runner 2049*, and the *Dune* series, was announced in June 2025 as the director of the next James Bond film, which he will make alongside his wife Tanya Lapointe. Who is this director?

\_\_\_\_\_

**Answer:** Denis Villeneuve

28. This artist studied in Paris and Berlin and was influenced by Symbolism and Post-Impressionism. He created a series of paintings linked by recurring motifs like skeletal hands and ghostly figures. One of his most famous works depicts a figure clutching its face beneath a swirling red sky. Name this painter of *The Scream*.

\_\_\_\_\_

**Answer:** Edvard Munch

**OSSAA 2025-2026  
REGIONALS GAME 1  
QUARTER 3  
TOSS-UP QUESTIONS**

29. This political party emerged in the 1890s to represent the interests of farmers and laborers against industrial elites and big banks. It supported free silver, government ownership of railroads, and direct election of senators. Name this third party also known as the People's Party.

\_\_\_\_\_

**Answer:** Populist Party

30. This NASA telescope was launched aboard the Space Shuttle *Columbia* in 1999 and orbits Earth in a highly elliptical path. It observes high-energy regions of the universe such as black holes, supernova remnants, and galaxy clusters. Name this observatory named after an Indian-American Nobel Prize-winning astrophysicist.

\_\_\_\_\_

**Answer:** Chandra X-ray Observatory

31. This post-World War II era governor emphasized increased funding for public education and worked to begin desegregation of public facilities following the *Brown v. Board of Education* ruling. He was the first Oklahoma governor born within the state's borders and served from 1951 to 1955. Who was this politician?

\_\_\_\_\_

**Answer:** Johnston Murray

32. This international mathematics prize was established by the Norwegian government in 2001 and is awarded annually by the King of Norway. It recognizes exceptional contributions to the field, regardless of age, and is named after a 19th-century Norwegian mathematician. Name this award, considered one of the highest honors in mathematics.

\_\_\_\_\_

**Answer:** Abel Prize

**OSSAA 2025-2026  
REGIONALS GAME 1  
QUARTER 3  
TOSS-UP QUESTIONS**

33. **Math Computation:** Determine the exact value of the cosine of 660 degrees.

\_\_\_\_\_

**Answer:** 1/2

34. This painting is split into two scenes—above, Christ floats above Mount Tabor in radiant light; below, Apostles fail to heal a possessed boy. Left incomplete when the artist died in 1520, it was later placed above his tomb. What is this final masterpiece by Raphael?

\_\_\_\_\_

**Answer:** *Transfiguration*

35. This term describes systems with more than one phase, such as solid-liquid mixtures or multiphase catalysts. These systems have varying properties across regions and often include phase boundaries. What is this physical chemistry term for a non-uniform chemical system?

\_\_\_\_\_

**Answer:** Heterogeneous

36. Advocates of this 19th-century belief argued that the expansion of U.S. territory across North America was inevitable and justified. It served to rationalize actions like the annexation of Texas and the war with Mexico. What phrase captured the idea that Americans were destined to spread their institutions from coast to coast?

\_\_\_\_\_

**Answer:** Manifest Destiny

**OSSAA 2025-2026  
REGIONALS GAME 1  
QUARTER 3  
TOSS-UP QUESTIONS**

37. This novel begins with the crash of a military satellite near a small Arizona town, leaving nearly all the residents dead from a mysterious microorganism. A team of scientists is rushed to an underground lab to contain the outbreak and analyze the extraterrestrial pathogen. What is this techno-thriller by Michael Crichton? \_\_\_\_\_

**Answer:** *The Andromeda Strain*

38. This mixed martial artist held titles in both the bantamweight and featherweight divisions of the UFC. She made her film debut in 2014's *The Expendables 3* and appeared as a bodyguard in *Furious 7*. Name this athlete. \_\_\_\_\_

**Answer:** Ronda Rousey

39. This character is dressed in a jester's costume and prides himself on his expertise in wine. He is deceived into entering catacombs under the pretense of tasting Amontillado and is ultimately walled in alive. Name this victim in Edgar Allan Poe's *The Cask of Amontillado*. \_\_\_\_\_

**Answer:** Fortunato

40. This type of tree is valued for its durability when submerged, as its wood hardens rather than rots in waterlogged conditions. In the construction of Venice, thousands of its trunks were driven deep into the lagoon's sediment to form stable foundations for stone buildings. Name this water-resistant tree that supports much of the architecture of Venice. \_\_\_\_\_

**Answer:** Alder

**Moderator** (Check score with chief judge and scorekeeper.)  
**The score at the end of the third quarter is:**  
(school name) \_\_\_\_\_ has \_\_\_\_\_ points  
(school name) \_\_\_\_\_ has \_\_\_\_\_ points  
**Coaches you may approach your team for 30 seconds to assist in any questions.**  
**This is not a charged time out and this is not your substitution meeting. (Pause briefly for protests.)**  
**Are there any questions?**

**Chief Judge** (Restate the score if they have changed because of protests.)

#### 4<sup>th</sup> Quarter – Sixty Second Instructions

**Moderator** **The fourth quarter of sixty second questions is about to begin. Everyone please be seated.**  
**The categories for the 4<sup>th</sup> quarter are: (Brief description)**  
**1. MATH - SOLVING SIMPLE TRIG EQUATIONS**  
**2. SCIENCE – BIOLOGY "C" TERMS**  
**3. FINE ARTS – ARTISTS AND THEIR WORKS**

**Teams, you may huddle with your team and coach away from the playing table for 30 seconds to discuss substitutions and category selection. Please leave all paper and pencils at your table during this huddle. Your 30 seconds begins now. (Begin time) Time is up, please return to your tables. Do not bring anything back to the table with you.**

**Substituting team members, check in with the scorekeeper and designate your captains for this round.**

**You will have 10 seconds to choose your category. (Active team) may move to a position behind the captain. (Other team) put down your pencils. Captain, all answers will come from you unless you defer to another student.**

**Moderator** (School name) **You will have your choice of the two remaining categories. (Other team) put down your pencils. (Active school) may move to a position behind your captain. You will have 10 seconds to make your selection.**  
**The selections are:**  
**1.**  
**2.**

**Moderator** (Check the score with the chief judge and score keeper) **The score at the end of the game is:**  
(School name) \_\_\_\_\_ has \_\_\_\_\_ points  
(School name) \_\_\_\_\_ has \_\_\_\_\_ points

**Are there any questions? Coaches you may approach your team for 30 seconds to assist in any questions. This is not a charges time out.**  
(Restate the score if it has changed)

(If the game is tied, sudden death questions will be asked.)  
**Because the game is tied, sudden death toss-up questions will be asked. Would either team like to make substitutions? Again, this is not a time for coaches to confer with their team. (Pause for substitutions.)**

**Moderator** **This concludes the game. Congratulations to both teams. Please check your bracket and move to the next round as quickly as possible.**

**OSSAA 2025-2026  
REGIONALS GAME 1  
EXTRA QUESTIONS**

**Math: Solving Simple Trig Equations**

**Directions:** Solve each of the following simple trig equations for x. Make sure to give all answers in degrees, with all possible answers stated.

- |                                                                            |          |
|----------------------------------------------------------------------------|----------|
| 1. $\sin x = \frac{\sqrt{4}}{4}$ [sine x equals radical 4 over 4]          | 30, 150  |
| 2. $\cos x = \frac{\sqrt{2}}{2}$ [cosine x equals radical 2 over 2]        | 45, 315  |
| 3. $\tan x = \sqrt{3}$ [tangent x equals radical 3]                        | 60       |
| 4. $\sin x = \frac{1}{2}$                                                  | 30, 150  |
| 5. $\cos x = -1$                                                           | 180      |
| 6. $\tan x = 0$                                                            | 180      |
| 7. $\sin x = -\frac{\sqrt{3}}{2}$ [sine x equal negative radical 3 over 2] | 240, 300 |
| 8. $\cos x = -\frac{1}{2}$                                                 | 120, 240 |
| 9. $\sin x = 1$                                                            | 90       |
| 10. $\cot x = \sqrt{3}$ [cotangent x equals radical 3]                     | 30       |

**Extras:**

- |                                                     |         |
|-----------------------------------------------------|---------|
| 11. $\sec x = \sqrt{2}$ [secant x equals radical 2] | 45, 315 |
| 12. $\sec x = 2$                                    | 60, 300 |

**OSSAA 2025-2026  
REGIONALS GAME 1  
EXTRA QUESTIONS**

**Science: Biology "C" Terms**

**Directions:** Given a brief description, identify each of the following biology terms beginning with the letter "C".

- |                                                            |                        |
|------------------------------------------------------------|------------------------|
| 1. Basic structural and functional unit of life            | Cell                   |
| 2. Organelle where photosynthesis occurs                   | Chloroplast            |
| 3. Organelle involved in cell division in animal cells     | Centriole              |
| 4. Structure made of DNA and protein carrying genetic info | Chromosome             |
| 5. System that transports blood through the body           | Circulatory            |
| 6. Decaying flesh of dead animals                          | Carrion                |
| 7. Structural polysaccharide found in exoskeletons         | Chitin                 |
| 8. Gel-like substance inside the cell membrane             | Cytoplasm (or cytosol) |
| 9. Organism that obtains energy by feeding on others       | Consumer               |
| 10. Animal phylum that includes vertebrates                | Chordata               |

**Extras:**

- |                                                |           |
|------------------------------------------------|-----------|
| 11. Diagram showing evolutionary relationships | Cladogram |
| 12. Each half of a duplicated chromosome       | Chromatid |

**OSSAA 2025-2026  
REGIONALS GAME 1  
EXTRA QUESTIONS**

**Fine Arts: Artists and Their Works**

**Directions:** Given the name of a work, identify the artist who created it.

- |                                     |                             |
|-------------------------------------|-----------------------------|
| 1. <i>Girl with a Pearl Earring</i> | Johannes <u>Vermeer</u>     |
| 2. <i>Bird in Space</i>             | Constantin <u>Brancusi</u>  |
| 3. <i>Ecstasy of Saint Teresa</i>   | Gian Lorenzo <u>Bernini</u> |
| 4. <i>The Oxbow</i>                 | Thomas <u>Cole</u>          |
| 5. <i>No. 5, 1948</i>               | Jackson <u>Pollock</u>      |
| 6. <i>The Son of Man</i>            | René <u>Magritte</u>        |
| 7. <i>Guernica</i>                  | Pablo <u>Picasso</u>        |
| 8. <i>The Scream</i>                | Edvard <u>Munch</u>         |
| 9. <i>The Red Room</i>              | Henri <u>Matisse</u>        |
| 10. <i>Impression, Sunrise</i>      | Claude <u>Monet</u>         |
| <b>Extras:</b>                      |                             |
| 11. <i>Portrait of Madame X</i>     | John Singer <u>Sargent</u>  |
| 12. <i>I and the Village</i>        | Marc <u>Chagall</u>         |

**OSSAA 2025-2026  
REGIONALS GAME 1  
EXTRA QUESTIONS**

**Extra Questions**

**Team 1    Team 2**

E1. **Math Computation:** A \$700 savings account earns 15% interest. How much will be in the account after 1 year if it is compounded annually?

\_\_\_\_\_

**Answer:** \$805

E2. This nonfiction book tells the story of Robert Garwood, a U.S. Marine who was captured during the Vietnam War and later accused of collaborating with the enemy. It explores the complexities of his imprisonment, return, and subsequent court-martial. Name this 1986 work co-authored by Winston Groom and Duncan Spencer.

\_\_\_\_\_

**Answer:** *Conversations with the Enemy*

E3. In 1890, U.S. troops massacred over 250 Lakota men, women, and children at this South Dakota site. More than 80 years later, it became the scene of a 1973 armed standoff involving the American Indian Movement. What is this location of two major events in Native American history?

\_\_\_\_\_

**Answer:** Wounded Knee

**OSSAA 2025-2026  
REGIONALS GAME 1  
EXTRA QUESTIONS**

E4. This property describes molecules that, like left and right hands, are mirror images but not identical. It usually happens when a carbon atom is bonded to four different groups. This concept is important in chemistry and medicine. What is this "handedness" found in certain molecules?

\_\_\_\_\_

**Answer:** Chirality

E5. Born Chester Arthur Burnet, this Mississippi-born blues artist recorded with Ike Turner at Sun Records in 1951 before moving to Chicago and working with Willie Dixon at Chess Records. Known for songs like *Spoonful* and *Smokestack Lightning*. What is the stage name of this electric blues pioneer?

\_\_\_\_\_

**Answer:** Howlin' Wolf

E6. In ancient Rome, these citizens made up the majority of the population and were distinct from the elite patrician class. Though initially excluded from many political offices, they gradually gained rights through institutions like the Tribal Assembly. What term refers to these commoners who played a crucial role in Roman society?

\_\_\_\_\_

**Answer:** Plebians

E7. **Math Computation:** A rhombus has diagonals of length 16 feet and 30 feet. What is the length of each side of the rhombus in feet?

\_\_\_\_\_

**Answer:** 17

**OSSAA 2025-2026  
REGIONALS GAME 1  
EXTRA QUESTIONS**

E8. This 1995 comedy stars Chris Farley as an underachiever who teams up with his sarcastic colleague, played by David Spade, to save his late father's auto parts company from bankruptcy. Their road trip to secure sales leads to a series of mishaps. Name this film.

\_\_\_\_\_

**Answer:** *Tommy Boy*

E9. This mythological scene, painted in the late 15th century, shows a Roman goddess surrounded by the Three Graces, Mercury, and other classical figures in a blooming orange grove. Commissioned by Lorenzo di Pierfrancesco de' Medici, it is housed in the Uffizi Gallery. Name this painting by Sandro Botticelli.

\_\_\_\_\_

**Answer:** La Primavera

E10. This proposed transportation system involves passenger pods traveling through low-pressure tubes at near-supersonic speeds using magnetic levitation or air bearings. First outlined in a 2013 white paper by Elon Musk, it aims to drastically reduce travel time between major cities. What is this high-speed transit concept?

\_\_\_\_\_

**Answer:** Hyperloop

2025-2026

**OSSAA  
REGIONAL  
CHAMPIONSHIP**

High School

**GAME 2**

(BEGINNING OF GAME)

Welcome to the Oklahoma Secondary School Activities Association Academic Bowl. You have previously been instructed regarding the rules. Please turn off all cell phones, tablets, or any device that can receive or send messages. Coaches, team members, and guests are to sit behind their team. Coaches, your protests need to be at the allowed times.

- Introduce yourself and the chief judge.
- **Give your four count.** – Do this for every match (Game Procedures A – 11)
- Have the chief judge check the buzzers.

Note (do not read):

Official closest to scorekeeper: Make sure that scorekeeper has **full names** of students and check after first few questions that they are fully shading in correct answers, and marking correct answers only.

Official closest to timekeeper: Make sure the timekeeper is starting the clock and clearing for the first few questions.

**OSSAA 2025-2026  
REGIONALS GAME 2  
QUARTER 1  
TOSS-UP QUESTIONS**

**Team 1    Team 2**

1. This subatomic particle has the same mass as an electron but carries a positive charge. It is produced in certain types of beta decay and is used in medical imaging techniques such as PET scans. What is this antiparticle of the electron?

\_\_\_\_\_

**Answer:** Positron

2. This cult musical film, directed by Jim Sharman, stars Tim Curry as a mad scientist who reveals his creation during a stormy night. A stranded couple stumbles into his castle after their car breaks down. Name this film that features songs like "Time Warp" and "Hot Patootie."

\_\_\_\_\_

**Answer:** *The Rocky Horror Picture Show*

3. This group of Southeastern tribes adopted European-style education, governments, and agriculture to avoid conflict with settlers. Despite these efforts, they were subjected to forced removal to Indian Territory in the 1830s under the Indian Removal Act. What name was given to this assimilated group of Native American tribes?

\_\_\_\_\_

**Answer:** Five Civilized Tribes

4. This French engineer independently discovered the same aluminum extraction method as Charles Martin Hall in 1886, using electrolysis in molten cryolite. Their discoveries were later combined into a single process still used today. Who is this inventor whose work helped make aluminum mass-producible?

\_\_\_\_\_

**Answer:** Paul Hérault

**OSSAA 2025-2026  
REGIONALS GAME 2  
QUARTER 1  
TOSS-UP QUESTIONS**

5. This literary character drunkenly sells his wife and daughter at a country fair. He rises to prominence in the town but is eventually ruined by pride and secrecy. Name this figure from the novel *The Mayor of Casterbridge*.

\_\_\_\_\_

**Answer:** Michael Henchard

6. This psychological concept is used in art to describe how the mind organizes visual information into unified wholes, rather than perceiving individual elements separately. It includes principles like proximity, similarity, and closure. What is this theory developed by German psychologists that explains perception in visual design?

\_\_\_\_\_

**Answer:** Gestalt

7. This economist developed the theory of comparative advantage—countries gain from trade even if one out-produces everything—and wrote about how land value creates rent income. Name the author of *On the Principles of Political Economy and Taxation*.

\_\_\_\_\_

**Answer:** David Ricardo

8. This White House addition, privately funded and begun on October 20, 2025, was intended to expand the mansion's capacity for hosting world leaders and official events. Continuing a tradition of presidential renovations, what is this new addition initiated under Donald J. Trump?

\_\_\_\_\_

**Answer:** The Ballroom

**OSSAA 2025-2026  
REGIONALS GAME 2  
QUARTER 1  
TOSS-UP QUESTIONS**

9. This strategy was developed early in the Civil War to suffocate the Confederacy by cutting off its access to resources. It aimed to blockade Southern ports and gain control of the Mississippi River to split the South. Name this Union military plan proposed by General Winfield Scott.

\_\_\_\_\_

**Answer:** Anaconda Plan

10. This 1894 collection includes stories like "Rikki-Tikki-Tavi" and "Toomai of the Elephants," but is best known for its tales of a boy raised by wolves in the Indian jungle. Characters in these stories include Baloo the bear, Bagheera the panther, and the tiger Shere Khan. Identify this work by Rudyard Kipling.

\_\_\_\_\_

**Answer:** *The Jungle Book*

11. **Math Computation:** What is the critical point of the function  $y = 1.5x^2 - 12x + 48$  [read: y equals 1.5 x squared minus 12x plus 48]?

\_\_\_\_\_

**Answer:** (4, 24) [read: 4 comma 24]

12. This type of synovial joint allows movement in two planes, including flexion-extension and side-to-side motion. Also called an ellipsoidal joint, it is found in the wrist and the base of the fingers, where it enables biaxial movement between bones. What is this joint type?

\_\_\_\_\_

**Answer:** Condyloid

**OSSAA 2025-2026  
REGIONALS GAME 2  
QUARTER 1  
TOSS-UP QUESTIONS**

13. This literary character forges her father's signature for a secret loan. After realizing society's limits, she leaves her husband and kids for independence. Identify this protagonist from Henrik Ibsen's *A Doll's House*.

\_\_\_\_\_

**Answer:** Nora Helmer

14. This leader denounced Stalin's cult of personality in his "Secret Speech" and promoted de-Stalinization across the Soviet Union. He presided during major Cold War events, including the Cuban Missile Crisis and the construction of the Berlin Wall. Name this Soviet premier who led from 1953 to 1964.

\_\_\_\_\_

**Answer:** Nikita Khrushchev

15. **Math Computation:** Determine the exact value of the tangent of 585 degrees.

\_\_\_\_\_

**Answer:** 1

16. This series begins when Lucinda Price is sent to Sword & Cross Reform School after a mysterious fire, where she meets a boy whose face feels hauntingly familiar. As she uncovers secrets about her past lives, she learns she's caught in a war between angels, demons, and the damned. Name this supernatural romance series by Lauren Kate.

\_\_\_\_\_

**Answer:** Fallen series

**OSSAA 2025-2026  
REGIONALS GAME 2  
QUARTER 1  
TOSS-UP QUESTIONS**

17. **Math Computation:** The year 2025 is special because it is 45 squared. How many years has it been since the last square year? In other words, what is 45 squared minus 44 squared? It may help to factor this using the difference of squares formula.

\_\_\_\_\_

**Answer:** 89

18. This American band, founded by Maurice White in 1969, was inducted into the Rock and Roll Hall of Fame in 2000. They have sold over 90 million records worldwide and are celebrated for hits such as *September* and *Shining Star*. Name this group.

\_\_\_\_\_

**Answer:** *Earth, Wind & Fire*

19. **Math Computation:** Using the Pythagorean Theorem, find the hypotenuse of a right triangle with side lengths of 14 feet and 48 feet.

\_\_\_\_\_

**Answer:** 50 feet

20. This class of sugars includes compounds such as sucrose, lactose, and maltose, and are hydrolyzed into their monosaccharide components by enzymes like maltase or lactase. They are formed through a dehydration reaction in which two monosaccharides are joined by a glycosidic bond. What is this class of carbohydrates?

\_\_\_\_\_

**Answer:** Disaccharides

**Moderator:** (Check score with chief judge and scorekeeper.)

**The score at the end of the first quarter is:**

(school name) \_\_\_\_\_ has \_\_\_\_\_ points

(school name) \_\_\_\_\_ has \_\_\_\_\_ points

**Coaches you may approach your team for 30 seconds to assist in any questions.**

**This is not a charged time out and this is not your substitution meeting. (Pause briefly for protests.)**

**Are there any questions?**

**Chief Judge:** (Restate the score if they have changed because of protests.)

**(In case of a tie after the first quarter) Since the score is tied, we will continue with additional toss-up questions until one team scores. (Restate the score if necessary)**

### 2<sup>nd</sup> Quarter – Sixty Second Instructions

**Moderator** **The second quarter of sixty second questions is about to begin. Everyone please be seated.**

**The categories for the 2<sup>nd</sup> quarter are: (Brief description)**

- 1. FINE ARTS – MYTHOLOGICAL ROMAN TO GREEK NAMES**
- 2. SOCIAL STUDIES – THE GILDED AGE**
- 3. LITERATURE – ONE-NAME AUTHORS AND THEIR WORKS**

**Teams, you may huddle with your team and coach away from the playing table for 30 seconds to discuss substitutions and category selection. Please leave all paper and pencils at your table during this huddle. Your 30 seconds begins now. (Begin time) Time is up, please return to your tables. Do not bring anything back to the table with you.**

**Substituting team members, check in with the scorekeeper and designate your captains for this round.**

**Because (school name) is ahead at this time, they will have the choice to play or defer until the 4<sup>th</sup> quarter.**

- You will have 10 seconds to make your decision. (School name) do you choose to play or defer?**
- (Address playing team) You will have 10 seconds to choose your category (re-read the above categories)**
- (If the 10 second buzzer goes off, the moderator will ask for an immediate response.)**
- Since (school name) is playing first, they may move to a position behind their captain. (Other team) will put down their pencils until their time to play. Captain, all answers will come from you unless you defer to another student.**

**Moderator** (School name) **You have your choice of the two remaining categories. (Other team) put down your pencils. (Active school) may move to a position behind your captain. You will have 10 seconds to make your choice.**

**The selections are:**

- 1.**
- 2.**

**Moderator** (Check the score with the chief judge and score keeper.)

**The score at the end of the first half is:**

(School name) \_\_\_\_\_ has \_\_\_\_\_ points

(School name) \_\_\_\_\_ has \_\_\_\_\_ points.

**Are there any questions? Coaches you may approach your team for 30 seconds to assist in any questions. This is not a charged time out. (Pause briefly for protests.)**

**This concludes the first half of play. We will pause for substitutions**

**Substituting team members, please check in with the scorekeeper. WE WILL NOW BEGIN 3<sup>RD</sup> QUARTER TOSS-UP QUESTIONS.**

**OSSAA 2025-2026  
REGIONALS GAME 2  
QUARTER 2  
LIGHTNING ROUND**

**Fine Arts: Mythological Roman to Greek Names**

**Directions:** Given the name of a Roman mythological god, give their greek name.

- |                |            |
|----------------|------------|
| 1. Ceres       | Demeter    |
| 2. Jupiter     | Zeus       |
| 3. Mercury     | Hermes     |
| 4. Venus       | Aphrodite  |
| 5. Pluto       | Hades      |
| 6. Juno        | Hera       |
| 7. Minerva     | Athena     |
| 8. Vulcan      | Hephaestus |
| 9. Diana       | Artemis    |
| 10. Neptune    | Poseidon   |
| <b>Extras:</b> |            |
| 11. Bacchus    | Dionysus   |
| 12. Mars       | Ares       |

**OSSAA 2025-2026  
REGIONALS GAME 2  
QUARTER 2  
LIGHTNING ROUND**

**Social Studies: The Gilded Age**

**Directions:** Given a brief description, identify the following about the Gilded Age.

- |                                                                                  |                                               |
|----------------------------------------------------------------------------------|-----------------------------------------------|
| 1. Steel tycoon who promoted the <i>Gospel of Wealth</i>                         | Andrew <u>Carnegie</u>                        |
| 2. Founder of Standard Oil, controlled over 90% of U.S. refining                 | John D. <u>Rockefeller</u>                    |
| 3. 1890 law passed to break up business monopolies                               | Sherman Antitrust Act                         |
| 4. Leader of Tammany Hall political machine in New York                          | William "Boss" <u>Tweed</u>                   |
| 5. Co-authored <i>The Gilded Age: A Tale of Today</i> with Charles Dudley Warner | Mark <u>Twain</u><br>(Samuel <u>Clemens</u> ) |
| 6. 1896 case that legalized segregation under "separate but equal"               | Plessy v. Ferguson                            |
| 7. Negative term for powerful businessmen who exploited workers                  | Robber Barons                                 |
| 8. 1894 strike at a railcar company stopped by U.S. troops                       | Pullman Strike                                |
| 9. Labor union founded in 1886 by Samuel Gompers                                 | American Federation of<br>Labor               |
| 10. 1862 law granting land and loans to railroad companies                       | Pacific Railway Act                           |

**Extras:**

- |                                                                         |                    |
|-------------------------------------------------------------------------|--------------------|
| 11. Journalist who wrote <i>The History of the Standard Oil Company</i> | Ida <u>Tarbell</u> |
| 12. Immigration station in New York Harbor opened in 1892               | Ellis Island       |

**OSSAA 2025-2026  
REGIONALS GAME 2  
QUARTER 2  
LIGHTNING ROUND**

**Literature: One-Name Authors and their Works**

**Directions:** Given the name of a work by an author who only had one name, name the author.

- |                                     |              |
|-------------------------------------|--------------|
| 1. <i>The Iliad</i>                 | Homer        |
| 2. <i>The Aeneid</i>                | Virgil       |
| 3. <i>The Divine Comedy</i>         | Dante        |
| 4. <i>Seven Against Thebes</i>      | Aeschylus    |
| 5. <i>Metamorphoses</i>             | Ovid         |
| 6. <i>The Tortoise and the Hare</i> | Aesop        |
| 7. <i>The Bacchae</i>               | Euripides    |
| 8. <i>Antigone</i>                  | Sophocles    |
| 9. <i>The Republic</i>              | Plato        |
| 10. <i>The Clouds</i>               | Aristophanes |

**Extras:**

- |                           |        |
|---------------------------|--------|
| 11. <i>Works and Days</i> | Hesiod |
| 12. <i>Masnavi</i>        | Rumi   |

**OSSAA 2025-2026  
REGIONALS GAME 2  
QUARTER 3  
TOSS-UP QUESTIONS**

**Team 1    Team 2**

21. In condensed matter physics, this property is the change in electrical resistance of a material in a magnetic field. It's behind magnetic sensors and hard drive heads, identify this phenomenon

\_\_\_\_\_

**Answer:** Magnetoresistance

22. This children's novel follows a girl who purchases a toad that speaks from a magic shop, only to find herself drawn into a series of magical adventures and challenges. First published in 1992, it is part of the *Magic Shop* series. Name this book by Bruce Coville.

\_\_\_\_\_

**Answer:** *Jennifer Murdley's Toad*

23. This director won Best Picture and Best Director at the 2018 Oscars for *The Shape of Water* and later helmed the animated *Pinocchio* in 2022. His other films include *Pan's Labyrinth* and *Pacific Rim*. What Mexican filmmaker is directing *Frankenstein*, set to release on Netflix November 7, 2025?

\_\_\_\_\_

**Answer:** Guillermo del Toro

24. **Math Computation:** Simplify  $i^{55}$  [read: i to the 55th power].

\_\_\_\_\_

**Answer:** -i

**OSSAA 2025-2026  
REGIONALS GAME 2  
QUARTER 3  
TOSS-UP QUESTIONS**

25. This literary character is a former opera singer who outwits Sherlock Holmes by disguising herself and escaping with a compromising photograph. Holmes refers to her as "the woman," the only person to ever gain his unqualified admiration. Name this character who appears in *A Scandal in Bohemia* by Arthur Conan Doyle.

\_\_\_\_\_

**Answer:** Irene Adler

26. In chemistry lab work, this term means the exact molecule you're isolating-whether it's caffeine in coffee or chloride in seawater-using drops, light, or electrodes. What is this term for the specific substance measured in a laboratory test?

\_\_\_\_\_

**Answer:** Analyte

27. This intense CrossFit workout is named in honor of a U.S. Navy SEAL who received the Medal of Honor posthumously for actions in Afghanistan in 2005. It consists of a 1-mile run, 100 pull-ups, 200 push-ups, 300 squats, and another 1-mile run. Name this workout typically done in a weighted vest.

\_\_\_\_\_

**Answer:** The Murph

28. This novel follows a boy named Andy Rusch who befriends an eccentric immigrant living in a stone house on the edge of Serenity, New Jersey. When the townspeople decide to build him a modern home, their good intentions clash with his way of life, leading to unforeseen consequences. Name this novel by Joseph Krumgold.

\_\_\_\_\_

**Answer:** Onion John

**OSSAA 2025-2026  
REGIONALS GAME 2  
QUARTER 3  
TOSS-UP QUESTIONS**

29. **Math Computation:** Find both roots of the quadratic equation  $x^2 - 7x + 12 = 0$  [read: x squared minus 7x plus 12].

\_\_\_\_\_

**Answer:** (x =) 3 and 4 [must have both answers]

30. This 1862 law offered 160 acres of free land to settlers willing to live on and improve it for five years. It accelerated westward expansion and required only a small filing fee and proof of residence. Name this act signed by Abraham Lincoln during the Civil War.

\_\_\_\_\_

**Answer:** Homestead Act

31. These minerals make up over half of Earth's continental crust and are found in igneous rocks like granite and basalt. They are divided into plagioclase [PLAY-jee-uh-clayss] and alkali groups based on their chemical composition. Name this most abundant group of silicate minerals found in Earth's crust.

\_\_\_\_\_

**Answer:** Feldspars

32. This novel introduces retired detective Nick Charles and his witty wife Nora as they investigate the disappearance of an eccentric industrialist in Prohibition-era New York. The case involves a series of suspects, cocktails, and a missing body. Name this mystery novel by Dashiell Hammett.

\_\_\_\_\_

**Answer:** *The Thin Man*

**OSSAA 2025-2026  
REGIONALS GAME 2  
QUARTER 3  
TOSS-UP QUESTIONS**

33. This independent agency was created in 1914 to enforce anti-trust laws and protect consumers from unfair business practices. It investigates deceptive advertising, fraudulent marketing, and anti-competitive behavior. Name this regulatory body established during the Wilson administration to oversee commerce in the United States.

\_\_\_\_\_

**Answer:** Federal Trade Commission (FTC)

34. This term describes the intensity of a color, indicating how vivid or dull it appears. It is affected by the addition of neutrals or complementary colors. What is this quality of color that is distinct from hue and value and is central to Albert Munsell's color system?

\_\_\_\_\_

**Answer:** Chroma

35. **Math Computation:** Completely simplify the following:  $5\sqrt{7} - \sqrt{63} + 7\sqrt{(63)}$  [read: 5 radical 7 minus radical 63 plus 7 times the square root of the quantity 21 times 3 end quantity].

\_\_\_\_\_

**Answer:**  $23\sqrt{7}$  [read: 23 (times) radical (square root) 7]

36. Often credited with sparking the modern American conservative movement, this senator ran for president in 1964 but lost in a landslide to Lyndon B. Johnson. His campaign emphasized limited government, anti-communism, and individual liberty. Name this Republican from Arizona who reshaped the party's ideological direction.

\_\_\_\_\_

**Answer:** Barry Goldwater

37. **Science Computation:** Determine the value at which the Celsius and Fahrenheit temperature scales are equal.

\_\_\_\_\_

**Answer:** -40 degrees

**OSSAA 2025-2026  
REGIONALS GAME 2  
QUARTER 3  
TOSS-UP QUESTIONS**

38. This type of radioactive decay involves the transformation of a neutron into a proton or vice versa within an atomic nucleus, resulting in the emission of an electron or a positron. It changes the atomic number of the element while leaving the mass number unchanged. What is this form of decay that includes both minus and plus variants?

\_\_\_\_\_

**Answer:** Beta Decay

39. This term described the stretch of terrain between opposing trenches during World War I. It was often filled with barbed wire, shell craters, and the bodies of fallen soldiers. What was this area where any attempt to cross was met with heavy fire?

\_\_\_\_\_

**Answer:** No Man's Land

40. This mural was created in 1902 for an exhibition honoring a deaf genius and spans three walls with symbolic depictions of human suffering and salvation through the arts. It includes figures like the *Knight in Shining Armor* and the *Choir of Angels*. What is this work by Gustav Klimt?

\_\_\_\_\_

**Answer:** *Beethoven Frieze*

**Moderator** (Check score with chief judge and scorekeeper.)  
**The score at the end of the third quarter is:**  
(school nome) \_\_\_\_\_ has \_\_\_\_\_ points  
(school name) \_\_\_\_\_ has \_\_\_\_\_ points  
**Coaches you may approach your team for 30 seconds to assist in any questions.**  
**This is not a charged time out and this is not your substitution meeting. (Pause briefly for protests.)**  
**Are there any questions?**

**Chief Judge** (Restate the score if they have changed because of protests.)

#### 4<sup>th</sup> Quarter – Sixty Second Instructions

**Moderator** **The fourth quarter of sixty second questions is about to begin. Everyone please be seated.**  
**The categories for the 4<sup>th</sup> quarter are: (Brief description)**  
**1. SOCIAL STUDIES – AMENDMENTS AND THE YEARS THEY WERE RATIFIED**  
**2. SOCIAL STUDIES – VICE PRESIDENTS BY TERM**  
**3. SCIENCE – ELEMENTS BY ATOMIC NUMBER**

**Teams, you may huddle with your team and coach away from the playing table for 30 seconds to discuss substitutions and category selection. Please leave all paper and pencils at your table during this huddle. Your 30 seconds begins now. (Begin time) Time is up, please return to your tables. Do not bring anything back to the table with you.**

**Substituting team members, check in with the scorekeeper and designate your captains for this round.**

**You will have 10 seconds to choose your category. (Active team) may move to a position behind the captain. (Other team) put down your pencils. Captain, all answers will come from you unless you defer to another student.**

**Moderator** (School name) **You will have your choice of the two remaining categories. (Other team) put down your pencils. (Active school) may move to a position behind your captain. You will have 10 seconds to make your selection.**  
**The selections are:**  
**1.**  
**2.**

**Moderator** (Check the score with the chief judge and score keeper) **The score at the end of the game is:**  
(School nome) \_\_\_\_\_ has \_\_\_\_\_ points  
(School nome) \_\_\_\_\_ has \_\_\_\_\_ points

**Are there any questions? Coaches you may approach your team for 30 seconds to assist in any questions. This is not a charges time out.**  
(Restate the score if it has changed)

(If the game is tied, sudden death questions will be asked.)  
**Because the game is tied, sudden death toss-up questions will be asked. Would either team like to make substitutions? Again, this is not a time for coaches to confer with their team. (Pause for substitutions.)**

**Moderator** **This concludes the game. Congratulations to both teams. Please check your bracket and move to the next round as quickly as possible.**

**OSSAA 2025-2026  
REGIONALS GAME 2  
QUARTER 4  
LIGHTNING ROUND**

**Social Studies: Amendments and the Years they were Ratified**

**Directions:** Given the U.S. Constitutional Amendment, give the year it was ratified.

1. 21st	1933
2. 27th	1992
3. 22nd	1951
4. 5th	1791
5. 24th	1964
6. 16th	1913
7. 19th	1920
8. 15th	1870
9. 18th	1919
10. 14th	1868
<b>Extras:</b>	
11. 26th	1971
12. 13th	1865

**OSSAA 2025-2026  
REGIONALS GAME 2  
QUARTER 4  
LIGHTNING ROUND**

**Social Studies: Vice Presidents by Term**

**Directions:** Given the term of service, name the Vice President.

- |                |                           |
|----------------|---------------------------|
| 1. 1789–1797   | John <u>Adams</u>         |
| 2. 2021–2025   | Kamala <u>Harris</u>      |
| 3. 1993–2001   | Al <u>Gore</u>            |
| 4. 1933–1941   | John Nance <u>Garner</u>  |
| 5. 2009–2017   | Joe <u>Biden</u>          |
| 6. 1977–1981   | Walter <u>Mondale</u>     |
| 7. 1981–1989   | George H. W. Bush         |
| 8. 1817–1825   | Daniel D. <u>Tompkins</u> |
| 9. 1965–1969   | Hubert <u>Humphrey</u>    |
| 10. 1953–1961  | Richard <u>Nixon</u>      |
| <b>Extras:</b> |                           |
| 11. 2001–2009  | Dick <u>Cheney</u>        |
| 12. 1861–1865  | Hannibal <u>Hamlin</u>    |

**OSSAA 2025-2026  
REGIONALS GAME 2  
QUARTER 4  
LIGHTNING ROUND**

**Science: Elements by Atomic Number**

**Directions:** Given the atomic number of an element on the periodic table, name the element.

- |         |           |
|---------|-----------|
| 1. 82   | Lead      |
| 2. 7    | Nitrogen  |
| 3. 8    | Oxygen    |
| 4. 17   | Chlorine  |
| 5. 1    | Hydrogen  |
| 6. 12   | Magnesium |
| 7. 50   | Tin       |
| 8. 79   | Gold      |
| 9. 35   | Bromine   |
| 10. 118 | Oganesson |

**Extras:**

- |        |      |
|--------|------|
| 11. 10 | Neon |
| 12. 26 | Iron |

**OSSAA 2025-2026  
REGIONALS GAME 2  
EXTRA QUESTIONS**

**Extra Questions**

Team 1	Team 2
--------	-----------

E1. This legal process involves voluntarily renouncing one's citizenship or being stripped of it by the government. It may occur when a citizen becomes naturalized in a foreign country or engages in acts deemed incompatible with allegiance to their home nation. What is this term for the loss of nationality?

_____	_____
-------	-------

**Answer:** Expatriation

E2. This immigration station operated from 1910 to 1940 and processed over 500,000 immigrants, mostly from Asia. Located in San Francisco Bay, it is sometimes called the "Ellis Island of the West." What is this historic site known for its strict interrogations and long detentions?

_____	_____
-------	-------

**Answer:** Angel Island

E3. This astronomical object is the remnant of a supernova recorded by Chinese astronomers in 1054 AD. Located in the constellation Taurus, it contains a rapidly spinning neutron star at its core. Name this nebula observed today as a strong source of X-rays and radio waves.

_____	_____
-------	-------

**Answer:** Crab Nebula

**OSSAA 2025-2026  
REGIONALS GAME 2  
EXTRA QUESTIONS**

**E4. Math Computation:** How far from the base of a 15 foot tall pole must a person be standing if the angle of elevation from the ground to the pole is 86 degrees? State your answer without using a fraction, leave it in terms of a trigonometric function, and use degrees.

\_\_\_\_\_

**Answer:**  $(x =) 15\cot(86\text{deg})$  [read: 15 times the cotangent of 86 degrees]

**E5. Math Computation:** What's 35% of 1500?

\_\_\_\_\_

**Answer:** \$525

**E6.** This Canadian rock band formed in 1973. They opened for The Doobie Brothers and The Guess Who before headlining arenas themselves. Their 1974 album *Not Fragile* reached number one in the U.S., and they scored hits like *Takin' Care of Business* and *You Ain't Seen Nothing Yet*. Name this group.

\_\_\_\_\_

**Answer:** Bachman–Turner Overdrive

**E7.** This Polish-born painter ruled 1920s Paris with sharp, geometric portraits featuring large, expressive eyes. She captured aristocrats and jazz age stars, blending cubism and classic grace. Name this Art Deco icon famous for *Self-Portrait in the Green Bugatti*.

\_\_\_\_\_

**Answer:** Tamara de Lempicka

**OSSAA 2025-2026  
REGIONALS GAME 2  
EXTRA QUESTIONS**

E8. This organelle shares a common evolutionary origin with chloroplasts and mitochondria and includes types such as chromoplasts and amyloplasts. It is found only in plant cells and plays roles in both synthesis and storage. What is this organelle found in the cytoplasm of plant cells?

\_\_\_\_\_

**Answer:** Plastid

E9. Used most often on string instruments and voice, this technique creates a smooth glide between two pitches, rather than stepping discretely. It can be heard in expressive solos or jazz improvisation and is notated as a diagonal or wavy line between notes. What is this sliding motion between pitches called?

\_\_\_\_\_

**Answer:** Glissando

E10. This 1922 poem opens with the line "April is the cruellest month" and was dedicated to Ezra Pound, who helped shape its final form. It is divided into five titled sections and ends with the repetition of the Sanskrit word "Shantih." Name this poem by T.S. Eliot.

\_\_\_\_\_

**Answer:** *The Waste Land*

2025-2026

**OSSAA  
REGIONAL  
CHAMPIONSHIP**

High School

**GAME 3**

(BEGINNING OF GAME)

Welcome to the Oklahoma Secondary School Activities Association Academic Bowl. You have previously been instructed regarding the rules. Please turn off all cell phones, tablets, or any device that can receive or send messages. Coaches, team members, and guests are to sit behind their team. Coaches, your protests need to be at the allowed times.

- Introduce yourself and the chief judge.
- **Give your four count.** – Do this for every match (Game Procedures A – 11)
- Have the chief judge check the buzzers.

Note (do not read):

Official closest to scorekeeper: Make sure that scorekeeper has **full names** of students and check after first few questions that they are fully shading in correct answers, and marking correct answers only.

Official closest to timekeeper: Make sure the timekeeper is starting the clock and clearing for the first few questions.

**OSSAA 2025-2026  
REGIONALS GAME 3  
QUARTER 1  
TOSS-UP QUESTIONS**

**Team 1    Team 2**

1. **Math Computation:** A trapezoid has bases of 48 inches and 91 inches. What is the length of the median of the trapezoid, in inches?

\_\_\_\_\_

**Answer:** 69.5 inches

2. This 1985 adventure comedy, directed by Richard Donner and produced by Steven Spielberg, follows a group of children who discover an old treasure map and set out to find the fortune of pirate One-Eyed Willy. Along the way, they are pursued by the criminal Fratelli family. Name this film.

\_\_\_\_\_

**Answer:** *The Goonies*

3. This symbol is placed at different positions on the musical staff based on duration and appears in forms like whole, half, or quarter. It represents measured silence and is essential to rhythm and phrasing. What is this basic element of musical notation that instructs musicians not to play?

\_\_\_\_\_

**Answer:** Rest

4. **Math Computation:** What is the second derivative of  $e^{(5x)}$  [read: e to the 5x power]?

\_\_\_\_\_

**Answer:**  $25e^{(5x)}$  [read: 25 e to the 5x (power)]

**OSSAA 2025-2026  
REGIONALS GAME 3  
QUARTER 1  
TOSS-UP QUESTIONS**

5. Driven by advances in transportation and communication, this process increases global interdependence through the movement of goods, capital, and labor. It's reflected in offshoring, multinational corporations, and institutions like the IMF. What is this major economic force shaping international trade and investment? \_\_\_\_\_

**Answer:** Globalization

6. This novel follows a teenager stranded alone in the Canadian wilderness after a plane crash. Using only a gift from his mother, he must find food, build shelter, and endure months of isolation. Name this survival story written by Gary Paulsen. \_\_\_\_\_

**Answer:** *Hatchet*

7. This phylum includes exclusively marine animals that exhibit radial symmetry in adulthood and possess a water vascular system used for movement and feeding. Members often have spiny skin and tube feet. Name this group of invertebrates that includes sea urchins, sand dollars, and starfish. \_\_\_\_\_

**Answer:** Echinodermata (accept Echinoderms)

8. **Math Computation:** Triangles ABC and DEF are similar. If angle A is 30.3 degrees and angle B is 134.2 degrees, determine angle F. \_\_\_\_\_

**Answer:** 15.5 degrees

**OSSAA 2025-2026  
REGIONALS GAME 3  
QUARTER 1  
TOSS-UP QUESTIONS**

9. This political campaign launched in 1958 aimed to rapidly transform China from an agrarian society into an industrialized nation. It involved the formation of communes and widespread steel production, but resulted in economic disaster and famine. What was this initiative led by Mao Zedong called? \_\_\_\_\_

**Answer:** Great Leap Forward

10. These proteins play a key role in DNA packaging within the nucleus by forming complexes around which DNA winds to create nucleosomes. They help regulate gene expression by controlling access to genetic material. Name these positively charged proteins essential to the structure of chromatin in eukaryotic cells. \_\_\_\_\_

**Answer:** Histones

11. This work presents mythic tales about the creation of Arda and the early ages of Elves, Men, and the Valar. It includes the stories of Fëanor's stolen jewels and the doomed love of Beren and Lúthien. Name this posthumously published work by J.R.R. Tolkien. \_\_\_\_\_

**Answer:** *The Silmarillion*

12. This brain structure maintains homeostasis by regulating body temperature, hunger, thirst, and sleep cycles. It also controls the pituitary gland, serving as a key link between the nervous and endocrine systems. Name this region of the brain located near the base of the forebrain. \_\_\_\_\_

**Answer:** Hypothalamus

**OSSAA 2025-2026  
REGIONALS GAME 3  
QUARTER 1  
TOSS-UP QUESTIONS**

13. This driver became the first Australian to win the Formula One World Drivers' Championship since Alan Jones in 1980. He drove for McLaren-Mercedes during a season in which the team also secured the Constructors' title. Who is this 2025 champion who won races in Bahrain, Spain, and the Netherlands?

\_\_\_\_\_

**Answer:** Oscar Piastr

14. This British primatologist began her fieldwork in Tanzania's Gombe Stream Reserve in 1960, where she documented tool use among chimpanzees. A protégé of Louis Leakey, she founded the Roots & Shoots program and has advocated for animal conservation worldwide. Name this author of *In the Shadow of Man*.

\_\_\_\_\_

**Answer:** Jane Goodall

15. This 1814–1815 diplomatic gathering aimed to restore order in Europe after the Napoleonic Wars. Led by figures like Prince Metternich of Austria, it redrew national boundaries and reestablished monarchies to maintain a balance of power. What is this international conference held in the Austrian capital?

\_\_\_\_\_

**Answer:** Congress of Vienna

16. This novel follows a boy named Cusi who lives in a remote mountain valley with his guardian, Chuto. As he learns to care for llamas and practices ancient customs, he slowly uncovers the truth about his connection to a long-lost Incan royal line. Name this 1952 Newbery Medal-winning novel by Ann Nolan Clark.

\_\_\_\_\_

**Answer:** *Secret of the Andes*

**OSSAA 2025-2026  
REGIONALS GAME 3  
QUARTER 1  
TOSS-UP QUESTIONS**

17. This 1862 Civil War battle halted Robert E. Lee's first invasion of the North and led Abraham Lincoln to issue the preliminary Emancipation Proclamation. Fought near Sharpsburg, Maryland, it remains the bloodiest single day in American history. Name this Union strategic victory under General George McClellan.

\_\_\_\_\_

**Answer:** Battle of Antietam

18. In astrophysics, this phenomenon occurs when the gravitational field of a massive object bends light from a more distant source, acting like a natural lens. It can produce multiple images, arcs, or rings of the background object. Identify this effect predicted by general relativity.

\_\_\_\_\_

**Answer:** Gravitational lensing

19. **Math Computation:** What is the integral of  $1/x$  [read: 1 over x] with respect to  $x$ ?

\_\_\_\_\_

**Answer:**  $\ln(x) + C$  [read: natural log of  $x$  plus  $C$ ] [accept:  $L N x$  plus  $C$ ]

20. This 1995 drama is based on the memoir of Jim Carroll, a promising high school basketball player whose life spirals into drug addiction. Leonardo DiCaprio plays Carroll, with Mark Wahlberg as his friend Mickey. What is the title of this film about his descent and struggle to recover?

\_\_\_\_\_

**Answer:** *The Basketball Diaries*

**Moderator:** (Check score with chief judge and scorekeeper.)

**The score at the end of the first quarter is:**

(school name) \_\_\_\_\_ has \_\_\_\_\_ points

(school name) \_\_\_\_\_ has \_\_\_\_\_ points

**Coaches you may approach your team for 30 seconds to assist in any questions.**

**This is not a charged time out and this is not your substitution meeting. (Pause briefly for protests.)**

**Are there any questions?**

**Chief Judge:** (Restate the score if they have changed because of protests.)

**(In case of a tie after the first quarter) Since the score is tied, we will continue with additional toss-up questions until one team scores. (Restate the score if necessary)**

### 2<sup>nd</sup> Quarter – Sixty Second Instructions

**Moderator** **The second quarter of sixty second questions is about to begin. Everyone please be seated.**

**The categories for the 2<sup>nd</sup> quarter are: (Brief description)**

- 1. POP CULTURE – JACK NICHOLSON MOVIES**
- 2. SPORTS – 2025 F1 DRIVERS BY TEAM AND NUMBER**
- 3. LITERATURE – AMERICAN AUTHORS AND THEIR WORKS**

**Teams, you may huddle with your team and coach away from the playing table for 30 seconds to discuss substitutions and category selection. Please leave all paper and pencils at your table during this huddle. Your 30 seconds begins now. (Begin time) Time is up, please return to your tables. Do not bring anything back to the table with you.**

**Substituting team members, check in with the scorekeeper and designate your captains for this round.**

**Because (school name) is ahead at this time, they will have the choice to play or defer until the 4<sup>th</sup> quarter.**

- You will have 10 seconds to make your decision. (School name) do you choose to play or defer?**
- (Address playing team) You will have 10 seconds to choose your category (re-read the above categories)**
- (If the 10 second buzzer goes off, the moderator will ask for an immediate response.)**
- Since (school name) is playing first, they may move to a position behind their captain. (Other team) will put down their pencils until their time to play. Captain, all answers will come from you unless you defer to another student.**

**Moderator** (School name) **You have your choice of the two remaining categories. (Other team) put down your pencils. (Active school) may move to a position behind your captain. You will have 10 seconds to make your choice.**

**The selections are:**

- 1.**
- 2.**

**Moderator** (Check the score with the chief judge and score keeper.)

**The score at the end of the first half is:**

(School name) \_\_\_\_\_ has \_\_\_\_\_ points

(School name) \_\_\_\_\_ has \_\_\_\_\_ points.

**Are there any questions? Coaches you may approach your team for 30 seconds to assist in any questions. This is not a charged time out. (Pause briefly for protests.)**

**This concludes the first half of play. We will pause for substitutions**

**Substituting team members, please check in with the scorekeeper. WE WILL NOW BEGIN 3<sup>RD</sup> QUARTER TOSS-UP QUESTIONS.**

**OSSAA 2025-2026  
REGIONALS GAME 3  
QUARTER 2  
LIGHTNING ROUND**

**Pop Culture: Jack Nicholson Movies**

**Directions:** Given a brief description, identify each of the following movies featuring Jack Nicholson.

- |                                                                             |                                        |
|-----------------------------------------------------------------------------|----------------------------------------|
| 1. Mental hospital patient challenges authority in Oregon                   | <i>One Flew Over the Cuckoo's Nest</i> |
| 2. Writer and family stay at haunted hotel during winter                    | <i>The Shining</i>                     |
| 3. A private detective uncovers a conspiracy in 1930s Los Angeles           | <i>Chinatown</i>                       |
| 4. The Joker terrorizes Gotham City                                         | <i>Batman</i>                          |
| 5. Courtroom drama involving the death of a Marine at Guantanamo Bay        | <i>A Few Good Men</i>                  |
| 6. Boston cops investigate a mole inside the Irish mob                      | <i>The Departed</i>                    |
| 7. A romance develops between a playwright and an older man in the Hamptons | <i>Something's Gotta Give</i>          |
| 8. Two terminally ill men make a list of things to do before they die       | <i>The Bucket List</i>                 |
| 9. Two bikers travel across America after a drug deal                       | <i>Easy Rider</i>                      |
| 10. A man must undergo therapy after a public outburst                      | <i>Anger Management</i>                |
| <b>Extras:</b>                                                              |                                        |
| 11. A drifter has an affair with a married woman at a roadside diner        | <i>The Postman Always Rings Twice</i>  |
| 12. Biopic about the rise and fall of a powerful labor union leader         | <i>Hoffa</i>                           |

**OSSAA 2025-2026  
REGIONALS GAME 3  
QUARTER 2  
LIGHTNING ROUND**

**Sports: 2025 F1 Drivers by Team and Number**

**Directions:** Given the team and number, name the F1 driver.

- |                         |                  |
|-------------------------|------------------|
| 1. McLaren, #81         | Oscar Piastri    |
| 2. Mercedes, #63        | George Russell   |
| 3. Williams, #55        | Carlos Sainz     |
| 4. Ferrari, #44         | Lewis Hamilton   |
| 5. Red Bull Racing, #1  | Max Verstappen   |
| 6. Racing Bulls, #11    | Liam Lawson      |
| 7. Alpine, #62          | Franco Colapinto |
| 8. Red Bull Racing, #22 | Yuki Tsunoda     |
| 9. Mercedes, #8         | Kimi Antonelli   |
| 10. McLaren, #4         | Lando Norris     |

**Extras:**

- |                   |                 |
|-------------------|-----------------|
| 11. Williams, #23 | Alexander Albon |
| 12. Ferrari, #16  | Charles Leclerc |

**OSSAA 2025-2026  
REGIONALS GAME 3  
QUARTER 2  
LIGHTNING ROUND**

**Literature: American Authors and their Works**

**Directions:** Given the title of a work by an American author, name the author.

- |                                        |                                |
|----------------------------------------|--------------------------------|
| 1. <i>I Sing the Body Electric</i>     | Ray <u>Bradbury</u>            |
| 2. <i>Harrison Bergeron</i>            | Kurt <u>Vonnegut</u>           |
| 3. <i>Hidden Figures</i>               | Margot Lee <u>Shetterly</u>    |
| 4. <i>Faces in the Water</i>           | Phyllis Reynolds <u>Naylor</u> |
| 5. <i>Death in the Afternoon</i>       | Ernest <u>Hemingway</u>        |
| 6. <i>Conversations with the Enemy</i> | Winston <u>Groom</u>           |
| 7. <i>Blaze and Thunderbolt</i>        | C.W. <u>Anderson</u>           |
| 8. <i>Hondo</i>                        | Louis <u>L'Amour</u>           |
| 9. <i>The Crisis</i>                   | Thomas <u>Paine</u>            |
| 10. <i>Tales of the South Pacific</i>  | James <u>Michener</u>          |
| <b>Extras:</b>                         |                                |
| 11. <i>Spoon River Anthology</i>       | Edgar Lee <u>Masters</u>       |
| 12. <i>Of Plymouth Plantation</i>      | William <u>Bradford</u>        |

**OSSAA 2025-2026  
REGIONALS GAME 3  
QUARTER 3  
TOSS-UP QUESTIONS**

**Team 1    Team 2**

21. This corporation announced on October 21, 2025 that it was exploring strategic alternatives, including a possible sale, after receiving unsolicited interest from multiple parties. Known for owning HBO, CNN, and the film rights to *Harry Potter* and DC Comics heroes, what is the name of this company?

\_\_\_\_\_

**Answer:** Warner Bros. Discovery (Prompt on Warner Bros.)

22. In this novel, a teenager visits a remote Welsh island after his grandfather's strange death. He finds a 1940 time loop and meets children with unusual powers, all watched over by a shape-shifting headmistress. Name this 2011 work by Ransom Riggs.

\_\_\_\_\_

**Answer:** *Miss Peregrine's Home for Peculiar Children*

23. This chemical property describes the stability of certain cyclic molecules that are flat, have alternating double bonds, and contain a specific number of pi electrons following Hückel's rule. It accounts for the unusual reactivity of compounds like benzene. Name this important concept in organic chemistry.

\_\_\_\_\_

**Answer:** Aromaticity

**OSSAA 2025-2026  
REGIONALS GAME 3  
QUARTER 3  
TOSS-UP QUESTIONS**

24. This classical form of storytelling began in Italy around 1600 and features characters expressing emotion and plot through music. Often performed in grand theaters, it uses recitatives and arias to move the story forward with the support of a live ensemble. Name this dramatic musical tradition.

\_\_\_\_\_

**Answer:** Opera

25. These molecules are key components of cell membranes, forming bilayers with water-repelling tails and water-attracting heads. Their unique structure allows them to create selective barriers around cells and organelles. Name these amphipathic lipids that help maintain membrane integrity and control the movement of substances in and out of cells.

\_\_\_\_\_

**Answer:** Phospholipids

26. This play opens with Strepsiades enrolling his son in a "Thinkery" to learn how to argue his way out of debt. The school is led by a parody of Socrates, who descends from a basket and worships deities. Identify this satire of sophistry and intellectual fashions, written by Aristophanes.

\_\_\_\_\_

**Answer:** *The Clouds*

27. **Math Computation:** A standard, six-sided dice is rolled two times. In fraction form, what is the probability that a six isn't rolled?

\_\_\_\_\_

**Answer:** 25/36

**OSSAA 2025-2026  
REGIONALS GAME 3  
QUARTER 3  
TOSS-UP QUESTIONS**

28. This economist argued that government spending could stimulate demand and reduce unemployment during economic downturns, challenging classical laissez-faire models. His ideas shaped policies in the New Deal and post–World War II recovery efforts. Identify this British author of *The General Theory of Employment, Interest and Money*. \_\_\_\_\_

**Answer:** John Maynard Keynes

29. This literary character is first introduced as a terrifying escaped convict encountered in a marsh by a young boy, whom he later secretly enriches from abroad. He returns to England illegally to reveal that he is the true benefactor behind the boy's rise in social status. Name this character from Charles Dickens's *Great Expectations*. \_\_\_\_\_

**Answer:** Abel Magwitch

30. **Math Computation:** What is the area of a standard sheet of letter paper? The dimensions for such a piece of paper are 8.5 by 11 inches. \_\_\_\_\_

**Answer:** 93.5 square inches (inches squared)

31. This South American revolutionary led military campaigns across Venezuela, Colombia, Ecuador, Peru, and Bolivia in the early 19th century. He was influenced by Enlightenment ideals and sought to unite the continent under a single federation. Name this independence leader known as "El Libertador." \_\_\_\_\_

**Answer:** Simon Bolivar

**OSSAA 2025-2026  
REGIONALS GAME 3  
QUARTER 3  
TOSS-UP QUESTIONS**

32. **Math Computation:** Solve the following equation for  $x$ :  $4(3x - 6) = 2(5x + 4)$  [read: 4 times the quantity 3x minus 6 end quantity equals 2 times the quantity 5x plus 4 end quantity].

\_\_\_\_\_

**Answer:** ( $x =$ ) 16

33. This optical technique records and reconstructs the light field scattered from an object, creating a three-dimensional image. Developed in the 1940s and advanced with lasers in the 1960s, it has applications in data storage and microscopy. Name this method pioneered by Dennis Gabor.

\_\_\_\_\_

**Answer:** Holography (optical)

34. This 19th-century Scottish missionary and explorer mapped vast areas of central and southern Africa while seeking the source of the Nile. He was the first European to document Victoria Falls and campaigned against the East African slave trade. Who was this man later located by journalist Henry Morton Stanley?

\_\_\_\_\_

**Answer:** David Livingstone

35. **Math Computation:** Determine the exact value of the cosine of 120 degrees.

\_\_\_\_\_

**Answer:**  $-1/2$

**OSSAA 2025-2026  
REGIONALS GAME 3  
QUARTER 3  
TOSS-UP QUESTIONS**

36. This amino acid found in turkey is often blamed for post-meal drowsiness during holiday feasts. It is one of the twenty standard amino acids used in protein synthesis and contains an indole functional group. The body converts it into serotonin, melatonin, and niacin. Identify this essential amino acid.

\_\_\_\_\_

**Answer:** Tryptophan

37. This musical symbol lowers a pitch by one half step and is commonly found in key signatures and accidentals. It is shaped like a stylized lowercase "b" and is essential in creating minor scales and tonal variations. What is the name of this notation mark?

\_\_\_\_\_

**Answer:** Flat

38. This type of galaxy features a flat, rotating disk containing stars, gas, and dust, with arms that wind outward from a central bulge. The Milky Way and the Andromeda Galaxy are examples of this structure, often classified into barred and unbarred forms. Identify this common galactic type.

\_\_\_\_\_

**Answer:** Spiral Galaxies

39. This novel follows a young girl stranded alone on an island after her people are killed by Russian fur traders. She learns to survive by building shelters, taming a wild dog named Rontu, and crafting a canoe. Based on Juana Maria's story, name this work by Scott O'Dell.

\_\_\_\_\_

**Answer:** *Island of the Blue Dolphins*

**OSSAA 2025-2026  
REGIONALS GAME 3  
QUARTER 3  
TOSS-UP QUESTIONS**

40. This vessel exploded on the Mississippi River near Memphis on April 27, 1865, in the deadliest maritime disaster in U.S. history. Over 1,100 people died, many of them Union soldiers recently released from Confederate prison camps. Name this overcrowded steamboat whose boiler failure occurred just days after Lincoln's assassination.

**Answer:** Sultana

**Moderator** (Check score with chief judge and scorekeeper.)  
**The score at the end of the third quarter is:**  
(school name) \_\_\_\_\_ has \_\_\_\_\_ points  
(school name) \_\_\_\_\_ has \_\_\_\_\_ points  
**Coaches you may approach your team for 30 seconds to assist in any questions.**  
**This is not a charged time out and this is not your substitution meeting. (Pause briefly for protests.)**  
**Are there any questions?**

**Chief Judge** (Restate the score if they have changed because of protests.)

#### 4<sup>th</sup> Quarter – Sixty Second Instructions

**Moderator** **The fourth quarter of sixty second questions is about to begin. Everyone please be seated.**  
**The categories for the 4<sup>th</sup> quarter are: (Brief description)**  
**1. MATH – FIND THE MEDIAN**  
**2. SCIENCE – PERIODIC TABLE NAME AND THE PERIOD**  
**3. FINE ARTS – KEYS AND THEIR RELATIVE MINOR**

**Teams, you may huddle with your team and coach away from the playing table for 30 seconds to discuss substitutions and category selection. Please leave all paper and pencils at your table during this huddle. Your 30 seconds begins now. (Begin time) Time is up, please return to your tables. Do not bring anything back to the table with you.**

**Substituting team members, check in with the scorekeeper and designate your captains for this round.**

**You will have 10 seconds to choose your category. (Active team) may move to a position behind the captain. (Other team) put down your pencils. Captain, all answers will come from you unless you defer to another student.**

**Moderator** (School name) **You will have your choice of the two remaining categories. (Other team) put down your pencils. (Active school) may move to a position behind your captain. You will have 10 seconds to make your selection.**  
**The selections are:**  
**1.**  
**2.**

**Moderator** (Check the score with the chief judge and score keeper) **The score at the end of the game is:**  
(School name) \_\_\_\_\_ has \_\_\_\_\_ points  
(School name) \_\_\_\_\_ has \_\_\_\_\_ points

**Are there any questions? Coaches you may approach your team for 30 seconds to assist in any questions. This is not a charges time out.**  
(Restate the score if it has changed)

(If the game is tied, sudden death questions will be asked.)  
**Because the game is tied, sudden death toss-up questions will be asked. Would either team like to make substitutions? Again, this is not a time for coaches to confer with their team. (Pause for substitutions.)**

**Moderator** **This concludes the game. Congratulations to both teams. Please check your bracket and move to the next round as quickly as possible.**

**OSSAA 2025-2026  
REGIONALS GAME 3  
EXTRA QUESTIONS**

**Math: Find the Median**

**Directions:** Find the median number in each of the following sets of data.

- |                                       |       |
|---------------------------------------|-------|
| 1. 10, 12, 13, 15, 17, 18             | 14    |
| 2. 100, 300, 900, 1000                | 600   |
| 3. 6, 8, 11, 14, 15                   | 11    |
| 4. 1, 3, 5, 10, 12, 20                | 7.5   |
| 5. 25, 30, 40, 55, 60, 70             | 47.5  |
| 6. 150, 260, 380, 400, 650, 800       | 390   |
| 7. 9, 18, 3, 11, 4,                   | 3     |
| 8. 2, 4, 6, 8,                        | 5     |
| 9. 2000, 3500, 4000, 6000, 8500       | 4000  |
| 10. 10, 20, 30, 40, 50                | 30    |
| <b>Extras:</b>                        |       |
| 11. 15, 25, 35, 45                    | 30    |
| 12. 10000, 12000, 15000, 16000, 20000 | 15000 |

**OSSAA 2025-2026  
REGIONALS GAME 3  
EXTRA QUESTIONS**

**Science: Periodic Table Name the Period**

**Directions:** Given the name of an element, name the period it is found in on the periodic table.

- |                |   |
|----------------|---|
| 1. Californium | 7 |
| 2. Neon        | 2 |
| 3. Krypton     | 4 |
| 4. Bismuth     | 6 |
| 5. Hydrogen    | 1 |
| 6. Phosphorus  | 3 |
| 7. Francium    | 7 |
| 8. Iodine      | 5 |
| 9. Helium      | 1 |
| 10. Strontium  | 5 |
| <b>Extras:</b> |   |
| 11. Radon      | 6 |
| 12. Sodium     | 3 |

**OSSAA 2025-2026  
REGIONALS GAME 3  
EXTRA QUESTIONS**

**Fine Arts: Keys and their Relative Minor**

**Directions:** Given the following musical keys, provide the relative minor that matches it.

- |                  |                      |
|------------------|----------------------|
| 1. C major       | <u>A</u> minor       |
| 2. G major       | <u>E</u> minor       |
| 3. D major       | <u>B</u> minor       |
| 4. A major       | <u>F-sharp</u> minor |
| 5. E major       | <u>C-sharp</u> minor |
| 6. B major       | <u>G-sharp</u> minor |
| 7. F-sharp major | <u>D-sharp</u> minor |
| 8. F major       | <u>D</u> minor       |
| 9. B-flat major  | <u>G</u> minor       |
| 10. E-flat major | <u>C</u> minor       |
| <b>Extras:</b>   |                      |
| 11. A-flat major | <u>F</u> minor       |
| 12. D-flat major | <u>B-flat</u> minor  |

**OSSAA 2025-2026  
REGIONALS GAME 3  
EXTRA QUESTIONS**

**Extra Questions**

**Team 1    Team 2**

E1. In a contested election, this term refers to the candidate who receives more votes than any other but not necessarily a majority. It is commonly used in systems where a simple majority is not required to win. What is this type of electoral victory called?

\_\_\_\_\_

**Answer:** Plurality

E2. This novel is narrated by a literature professor who becomes obsessed with a 12-year-old girl after marrying her mother to stay close to her. The story, written as a confession from prison, details their travels across the United States and ends with the narrator's arrest for murder. Name this 1955 novel by Vladimir Nabokov.

\_\_\_\_\_

**Answer:** *Lolita*

E3. **Math Computation:** A \$800 savings account earns 15% interest. How much will be in the account after 2 years if it is compounded annually?

\_\_\_\_\_

**Answer:** \$1058

E4. **Math Computation:** What is the least common multiple of 9, 6, and 24?

\_\_\_\_\_

**Answer:** 72

**OSSAA 2025-2026  
REGIONALS GAME 3  
EXTRA QUESTIONS**

E5. This printmaking technique involves incising lines into a metal plate, usually copper or zinc, which is then inked and pressed onto paper to create an image. It contrasts with relief printing, where raised areas are printed. What is this intaglio method used by artists like Albrecht Dürer and Francisco Goya?

\_\_\_\_\_

**Answer:** Etching

E6. This 1985 horror-comedy, directed by Dan O'Bannon, follows workers at a medical supply warehouse who accidentally release a gas that reanimates the dead. Name this film in which the resulting zombies develop an unusual hunger for human brains and can speak, taunting survivors as they call for "More brains!"

\_\_\_\_\_

**Answer:** *The Return of the Living Dead*

E7. These infectious agents contain no nucleic acids and consist solely of misfolded proteins that induce normal proteins to change shape. They cause fatal neurodegenerative diseases such as Creutzfeldt-Jakob [read: KROYTS-felt YAH-kob] disease in humans and bovine spongiform encephalopathy in cattle. Identify these protein-based infectious particles.

\_\_\_\_\_

**Answer:** Prions

E8. These compounds contain a covalent bond between two oxygen atoms and readily release oxygen, making them strong oxidizing agents. The simplest example is commonly used as a disinfectant and hair bleach. Identify this class of compounds that contain the functional group written as  $O_2^{2-}$  [read: O two two minus].

\_\_\_\_\_

**Answer:** Peroxides

**OSSAA 2025-2026  
REGIONALS GAME 3  
EXTRA QUESTIONS**

E9. This painting depicts a central figure standing on a seashell as she arrives at the shore, blown by wind gods and greeted by a figure holding a flowing robe. Created around 1485, it reflects early Renaissance interest in classical mythology. Which work was painted by Sandro Botticelli for the Medici family?

\_\_\_\_\_

**Answer:** *The Birth of Venus*

E10. This U.S. Supreme Court justice was known for her strong advocacy for gender equality and civil liberties. Appointed in 1993 by President Bill Clinton, she served until her death in 2020 and became a cultural icon. Who was this second woman ever appointed to the Supreme Court?

\_\_\_\_\_

**Answer:** Ruth Bader Ginsburg

2025-2026

**OSSAA  
REGIONAL  
CHAMPIONSHIP**

High School

**GAME 4**

(BEGINNING OF GAME)

Welcome to the Oklahoma Secondary School Activities Association Academic Bowl. You have previously been instructed regarding the rules. Please turn off all cell phones, tablets, or any device that can receive or send messages. Coaches, team members, and guests are to sit behind their team. Coaches, your protests need to be at the allowed times.

- Introduce yourself and the chief judge.
- **Give your four count.** – Do this for every match (Game Procedures A – 11)
- Have the chief judge check the buzzers.

Note (do not read):

Official closest to scorekeeper: Make sure that scorekeeper has **full names** of students and check after first few questions that they are fully shading in correct answers, and marking correct answers only.

Official closest to timekeeper: Make sure the timekeeper is starting the clock and clearing for the first few questions.

**OSSAA 2025-2026  
REGIONALS GAME 4  
QUARTER 1  
TOSS-UP QUESTIONS**

**Team 1      Team 2**

1. This Canadian actor and author wrote a 2016 memoir reflecting on his decades-long friendship with a fellow Star Trek co-star, recounting personal stories and the challenges faced throughout their careers. Name this actor who authored *Leonard: My Fifty-Year Friendship with a Remarkable Man*.

\_\_\_\_\_

\_\_\_\_\_

**Answer:** William Shatner

2. **Math Computation:** Multiply the following two binomials together and simplify the answer:  $(5 - 2\sqrt{7})(3 + \sqrt{7})$  [read: the quantity 5 minus 2 radical 7 end quantity times the quantity 3 plus radical 7 end quantity].

\_\_\_\_\_

\_\_\_\_\_

**Answer:**  $1 - \sqrt{7}$  [read: 1 minus radical (square root) 7]

3. This literary character was educated at Eton and is known for his refined speech and obsession with "good form," despite his life as a pirate. He is relentlessly pursued by a crocodile that once bit off his hand and swallowed a ticking clock. Name this nemesis in *Peter Pan* by J.M. Barrie.

\_\_\_\_\_

\_\_\_\_\_

**Answer:** Captain Hook (prompt on Hook)

4. These landforms are composed of rock, soil, and debris deposited by moving glaciers. They can appear as ridges or mounds marking the glacier's former boundaries, with types including lateral, medial, and terminal. Identify these accumulations of glacial till left behind as ice retreats.

\_\_\_\_\_

\_\_\_\_\_

**Answer:** Moraines

**OSSAA 2025-2026  
REGIONALS GAME 4  
QUARTER 1  
TOSS-UP QUESTIONS**

5. This novel follows a widowed mouse who seeks help to save her sick son before the farmer's plow reaches their home. She turns to intelligent rats that escaped from a laboratory. Name this 1971 Newbery Medal-winning novel by Robert C. O'Brien.

\_\_\_\_\_

**Answer:** *Mrs. Frisby and the Rats of NIMH* (prompt on Rats of NIMH)

6. This 19th-century Mexican leader served five terms and opposed French occupation during the reign of Emperor Maximilian. He promoted liberal reforms, including land redistribution and the separation of church and state. Exiled to the U.S. before returning to power, name this president of indigenous Zapotec origin.

\_\_\_\_\_

**Answer:** Benito Juárez

7. This animator and inventor developed the rotoscope and founded a studio that competed with Disney in the early 20th century. He was responsible for bringing characters like Betty Boop and Superman to the screen, along with a sailor who gains strength from eating spinach. Name this creator of *Popeye*.

\_\_\_\_\_

**Answer:** Max Fleischer

8. This cartoonist is best known for his graphic novel depicting his father's experiences during the Holocaust, with Jews represented as mice and Nazis as cats. The work won a Pulitzer Prize in 1992 for its groundbreaking use of the comic medium. Identify this creator of *Maus*.

\_\_\_\_\_

**Answer:** Art Spiegelman

**OSSAA 2025-2026  
REGIONALS GAME 4  
QUARTER 1  
TOSS-UP QUESTIONS**

9. **Math Computation:** Find both roots of the quadratic equation  $x^2 - 13x + 42 = 0$  [read: x squared minus 13x plus 42].

\_\_\_\_\_

**Answer:** (x =) 6 and 7 [must have both answers]

10. Launched by the FBI in 2025, this nationwide operation partnered with local and state law enforcement to curb violent crime and narcotics trafficking during the summer months. It led to hundreds of arrests and large fentanyl seizures across multiple states. Name this coordinated law enforcement campaign.

\_\_\_\_\_

**Answer:** Operation Summer Heat

11. This Soviet leader introduced major reforms in the 1980s, including glasnost and perestroika, aiming to increase transparency and restructure the economy. He worked with Western leaders to reduce nuclear arms and oversaw the end of the Cold War. Who is this final leader of the USSR?

\_\_\_\_\_

**Answer:** Mikhail Gorbachev

12. **Math Computation:** Convert the decimal 0.5151 repeating into a fraction in lowest terms.

\_\_\_\_\_

**Answer:** 17/33

13. Formed in 1995 to replace the General Agreement on Tariffs and Trade, this international body regulates trade between nations and settles disputes related to trade agreements. It has faced criticism for favoring wealthy countries and enabling globalization. What organization oversees compliance with rules governing international commerce?

\_\_\_\_\_

**Answer:** World Trade Organization (WTO)

**OSSAA 2025-2026  
REGIONALS GAME 4  
QUARTER 1  
TOSS-UP QUESTIONS**

14. This property measures the force exerted by a substance's gas phase when it is in equilibrium with its liquid or solid form at a given temperature. It increases as temperature rises and helps determine a liquid's volatility and boiling point. Identify this physical property measured in torr or atmospheres.

\_\_\_\_\_

**Answer:** Vapor Pressure

15. **Math Computation:** Convert the hexadecimal number 11 [read: one one] to a binary number.

\_\_\_\_\_

**Answer:** 10001 [read: one zero zero zero one]

16. Triggered by speculative lending practices and a collapse in land values, this financial crisis led to widespread bank failures and unemployment. It followed a decision to remove federal deposits from the Second Bank of the United States. What economic downturn plagued the early presidency of Martin Van Buren?

\_\_\_\_\_

**Answer:** Panic of 1837

17. This 1975 coming-of-age comedy-drama, directed by Michael Schultz, is set in 1960s Chicago and follows a group of African American high school friends over the course of a school year. It was loosely based on screenwriter Eric Monte's experiences and features a soundtrack by Motown Records. Name this film.

\_\_\_\_\_

**Answer:** *Cooley High*

**OSSAA 2025-2026  
REGIONALS GAME 4  
QUARTER 1  
TOSS-UP QUESTIONS**

18. This distant region of the solar system surrounds the Sun in a vast spherical shell and is believed to contain trillions of icy bodies. It is the source of long-period comets that enter the inner solar system. Identify this outermost reservoir of comets named for two astronomers.

\_\_\_\_\_

**Answer:** Opik-Oort Cloud

19. This industrial region became a key center of coal and steel production in western Germany and was heavily contested during both World Wars. It was occupied by Allied forces after World War I due to Germany's failure to pay reparations. What is the name of this economically vital valley along the Rhine River?

\_\_\_\_\_

**Answer:** Ruhr Valley

20. This property is exhibited by materials that are weakly attracted to an external magnetic field due to the presence of unpaired electrons. When the field is removed, the alignment of magnetic moments disappears. Identify this form of magnetism seen in elements like aluminum and platinum.

\_\_\_\_\_

**Answer:** Paramagnetism

**Moderator:** (Check score with chief judge and scorekeeper.)

**The score at the end of the first quarter is:**

(school name) \_\_\_\_\_ has \_\_\_\_\_ points

(school name) \_\_\_\_\_ has \_\_\_\_\_ points

**Coaches you may approach your team for 30 seconds to assist in any questions.**

**This is not a charged time out and this is not your substitution meeting. (Pause briefly for protests.)**

**Are there any questions?**

**Chief Judge:** (Restate the score if they have changed because of protests.)

**(In case of a tie after the first quarter) Since the score is tied, we will continue with additional toss-up questions until one team scores. (Restate the score if necessary)**

### 2<sup>nd</sup> Quarter – Sixty Second Instructions

**Moderator** **The second quarter of sixty second questions is about to begin. Everyone please be seated.**

**The categories for the 2<sup>nd</sup> quarter are: (Brief description)**

- 1. POP CULTURE – BILLBOARD TOP 100 HITS OF 1975**
- 2. SPORTS – MLB PLAYERS BY TEAM AND JERSEY NUMBER**
- 3. SOCIAL STUDIES = "S" LAST NAMES**

**Teams, you may huddle with your team and coach away from the playing table for 30 seconds to discuss substitutions and category selection. Please leave all paper and pencils at your table during this huddle. Your 30 seconds begins now. (Begin time) Time is up, please return to your tables. Do not bring anything back to the table with you.**

**Substituting team members, check in with the scorekeeper and designate your captains for this round.**

**Because (school name) is ahead at this time, they will have the choice to play or defer until the 4<sup>th</sup> quarter.**

- You will have 10 seconds to make your decision. (School name) do you choose to play or defer?**
- (Address playing team) You will have 10 seconds to choose your category (re-read the above categories)**
- (If the 10 second buzzer goes off, the moderator will ask for an immediate response.)**
- Since (school name) is playing first, they may move to a position behind their captain. (Other team) will put down their pencils until their time to play. Captain, all answers will come from you unless you defer to another student.**

**Moderator** (School name) **You have your choice of the two remaining categories. (Other team) put down your pencils. (Active school) may move to a position behind your captain. You will have 10 seconds to make your choice.**

**The selections are:**

- 1.**
- 2.**

**Moderator** (Check the score with the chief judge and score keeper.)

**The score at the end of the first half is:**

(School name) \_\_\_\_\_ has \_\_\_\_\_ points

(School name) \_\_\_\_\_ has \_\_\_\_\_ points.

**Are there any questions? Coaches you may approach your team for 30 seconds to assist in any questions. This is not a charged time out. (Pause briefly for protests.)**

**This concludes the first half of play. We will pause for substitutions**

**Substituting team members, please check in with the scorekeeper. WE WILL NOW BEGIN 3<sup>RD</sup> QUARTER TOSS-UP QUESTIONS.**

**OSSAA 2025-2026  
REGIONALS GAME 4  
QUARTER 2  
LIGHTNING ROUND**

**Pop Culture: Billboard Top 100 Hits of 1975**

**Directions:** Given the following songs that appear in Billboard's top 100 hits of 1975, name the artist that performed them.

- |                                       |                     |
|---------------------------------------|---------------------|
| 1. <i>Love Will Keep Us Together</i>  | Captain & Tennille  |
| 2. <i>Rhinestone Cowboy</i>           | Glen Campbell       |
| 3. <i>Philadelphia Freedom</i>        | Elton John          |
| 4. <i>Shining Star</i>                | Earth, Wind & Fire  |
| 5. <i>Fame</i>                        | David Bowie         |
| 6. <i>One of These Nights</i>         | Eagles              |
| 7. <i>Thank God I'm a Country Boy</i> | John Denver         |
| 8. <i>Jive Talkin'</i>                | Bee Gees            |
| 9. <i>Kung Fu Fighting</i>            | Carl Douglas        |
| 10. <i>Black Water</i>                | The Doobie Brothers |

**Extras:**

- |                               |       |
|-------------------------------|-------|
| 11. <i>The Ballroom Blitz</i> | Sweet |
| 12. <i>Magic</i>              | Pilot |

**OSSAA 2025-2026  
REGIONALS GAME 4  
QUARTER 2  
LIGHTNING ROUND**

**Sports: MLB Players by Team and Jersey Number**

**Directions:** Given the team name and jersey number, name the player.

- |                               |                             |
|-------------------------------|-----------------------------|
| 1. New York Yankees, #99      | Aaron <u>Judge</u>          |
| 2. Los Angeles Dodgers, #17   | Shohei <u>Ohtani</u>        |
| 3. Detroit Tigers, #29        | Tarik <u>Skubal</u>         |
| 4. Seattle Mariners, #29      | Cal <u>Raleigh</u>          |
| 5. Kansas City Royals, #7     | Bobby <u>Witt Jr.</u>       |
| 6. Pittsburgh Pirates, #30    | Paul <u>Skenes</u>          |
| 7. Chicago Cubs, #8           | Pete Crow- <u>Armstrong</u> |
| 8. Cleveland Guardians, #11   | José <u>Ramírez</u>         |
| 9. Philadelphia Phillies, #45 | Zack <u>Wheeler</u>         |
| 10. Boston Red Sox, #45       | Garrett <u>Crochet</u>      |
| <b>Extras:</b>                |                             |
| 11. Chicago Cubs, #30         | Kyle <u>Tucker</u>          |
| 12. New York Mets, #22        | Juan <u>Soto</u>            |

**OSSAA 2025-2026  
REGIONALS GAME 4  
QUARTER 2  
LIGHTNING ROUND  
Social Studies: "S" Last Names**

**Directions:** Given a brief description, identify the following people whose last names begin with "S".

1. Author of *Uncle Tom's Cabin* Harriet Beecher Stowe
  2. Union general who captured Atlanta and led the March to the Sea William T. Sherman
  3. Author of *The Jungle*, exposing meatpacking industry abuses Upton Sinclair
  4. Economist who wrote *The Wealth of Nations* Adam Smith
  5. Soviet leader during World War II and early Cold War Joseph Stalin
  6. Only person to sign the Continental Association, Declaration, Articles, and Constitution Roger Sherman
  7. First Hispanic and Latina U.S. Supreme Court Justice, appointed in 2009 Sonia Sotomayor
  8. Muckraker who wrote *The Shame of the Cities* Lincoln Steffens
  9. Conservative activist who founded STOP ERA in opposition to the Equal Rights Amendment Phyllis Schlafly
  10. Hispanic Republican ad consultant who advised George W. Bush's campaigns Lionel Sosa
- Extras:**
11. Pediatrician who wrote a bestselling baby care book in 1946 Benjamin Spock
  12. Founder of the American Birth Control League, later Planned Parenthood Margaret Sanger

**OSSAA 2025-2026  
REGIONALS GAME 4  
QUARTER 3  
TOSS-UP QUESTIONS**

**Team 1    Team 2**

21. **Math Computation:** Subtract 8 to the 1/3rd power from 1/3rd of 8.  
State your answer as a fraction.

\_\_\_\_\_

**Answer:** 2/3

22. This literary character welcomes a knight into his home with generous hospitality but secretly conspires with a Morgan le Fay to test the guest's virtue. He hunts animals while his wife tempts their visitor, and later reveals himself as the enchanted challenger at the Green Chapel. Name this lord of Castle Hautdesert.

\_\_\_\_\_

**Answer:** Bertilak (accept: Bertilak de Hautdesert or The Green Knight)

23. In Greek mythology, this god was the personification of sleep. Twin brother of Thanatos, he lived in a dark cave where the sun never shone and sent dreams to mortals. Name this deity.

\_\_\_\_\_

**Answer:** Hypnos (HIP-nohs)

24. **Science Computation:** A force of 50 Newtons acts along a line going 3 meters up and 4 meters left. How many Newtons is this force exerting upwards?

\_\_\_\_\_

**Answer:** 30 (Newtons)

25. What term contrasts with diploid and describes a cell with a single set of unpaired chromosomes?

\_\_\_\_\_

**Answer:** Haploid

**OSSAA 2025-2026  
REGIONALS GAME 4  
QUARTER 3  
TOSS-UP QUESTIONS**

26. This statesman used “blood and iron” policies to unify Germany under Prussian rule. He led victories in the Austro-Prussian and Franco-Prussian Wars and later served as the first Chancellor of the German Empire. Name this 19th-century leader. \_\_\_\_\_

**Answer:** Otto von Bismarck

27. This novel is set in a dystopian society where officials determine each citizen’s career, spouse, and even death date. The protagonist begins to question the system after a glitch shows her two different matches—her best friend Xander and a mysterious boy named Ky. Name this 2010 young adult novel by Ally Condie. \_\_\_\_\_

**Answer:** *Matched*

28. These regions around an atom’s nucleus describe the probable locations of electrons. They are defined by quantum numbers and come in shapes such as spherical, dumbbell, and cloverleaf. Identify these areas labeled as s, p, d, and f that form the basis of electron configuration. \_\_\_\_\_

**Answer:** Atomic Orbitals

29. This 1995 science fiction film directed by Terry Gilliam stars Bruce Willis as James Cole, a prisoner sent from a post-apocalyptic future to stop a virus that wipes out most of humanity. He meets psychiatrist Kathryn Raily and eccentric activist Jeffrey Goines. Name this film. \_\_\_\_\_

**Answer:** *12 Monkeys*

**OSSAA 2025-2026  
REGIONALS GAME 4  
QUARTER 3  
TOSS-UP QUESTIONS**

30. In this novel, a young man remains physically unchanged while a portrait of him bears the consequences of his immoral actions. Influenced by Lord Henry Wotton, he descends into corruption and vice as his hidden portrait becomes increasingly grotesque. Name this only novel by Oscar Wilde.

\_\_\_\_\_

**Answer:** *The Picture of Dorian Gray*

31. This geologic period marks the beginning of the Paleozoic Era and is known for the sudden appearance of most major animal groups in Earth's oceans, an event called the "Explosion of Life." Marine species with hard shells first became common during this time. Identify this period.

\_\_\_\_\_

**Answer:** Cambrian Period

32. **Math Computation:** Convert the decimal 0.7474 repeating into a fraction in lowest terms.

\_\_\_\_\_

**Answer:** 74/99

33. This role was held by Arrigo Boito in his collaborations with Verdi and by Lorenzo da Ponte in works by Mozart. It involves shaping dialogue and lyrics but not composing music. What is the term for a person who writes the text used in an opera or oratorio?

\_\_\_\_\_

**Answer:** Librettist

34. This labor leader co-founded the Solidarity movement, which opposed communist rule in Poland during the 1980s. He later became the nation's first freely elected president after World War II, serving from 1990 to 1995. Name this former electrician turned president of Poland.

\_\_\_\_\_

**Answer:** Lech Walesa [read: LEKH vah-WEN-sah]

**OSSAA 2025-2026  
REGIONALS GAME 4  
QUARTER 3  
TOSS-UP QUESTIONS**

35. Released on August 1, 2025, this *Paramount* comedy was directed by Akiva Schaffer and produced by Seth MacFarlane. It continues a spoof franchise that began with *Police Squad!* and included three films starring Leslie Nielsen as Frank Drebin. Name this reboot starring Liam Neeson.

\_\_\_\_\_

**Answer:** *The Naked Gun*

36. **Math Computation:** If it were written in  $y=mx+b$  form, what would be the value of  $b$  for the line  $13y - 6x = 52$  [read: 13y minus 6x equals 52]?

\_\_\_\_\_

**Answer:**  $-26/3$

37. In the early 1800s, this militant Creek faction, inspired by the Shawnee prophet Tenskwatawa and allied with Tecumseh, rose up to resist U.S. expansion and cultural assimilation. Their rebellion ended with defeat at the Battle of Horseshoe Bend. Name this group.

\_\_\_\_\_

**Answer:** Red Sticks

38. This blue-white supergiant star is the brightest in the constellation Orion and represents the hunter's left foot. It is much more massive and luminous than the Sun and serves as a reference point for stellar classification. Identify this star designated Beta Orionis.

\_\_\_\_\_

**Answer:** Rigel

39. This literary character is sent to live with her wealthy relatives after growing up poor. She forms a bond with her cousin Edmund and clashes with Henry and Mary Crawford. Name this protagonist from Jane Austen's *Mansfield Park*.

\_\_\_\_\_

**Answer:** Fanny Price

**OSSAA 2025-2026  
REGIONALS GAME 4  
QUARTER 3  
TOSS-UP QUESTIONS**

40. Established by a 6th-century monk, this set of guidelines emphasized obedience, stability, and communal living in monastic life. It became the foundation for Western monasticism and was widely adopted throughout medieval Europe. Name this code of conduct for monks.

**Answer:** Benedictine Rule

**Moderator** (Check score with chief judge and scorekeeper.)

**The score at the end of the third quarter is:**

(school name) \_\_\_\_\_ has \_\_\_\_\_ points

(school name) \_\_\_\_\_ has \_\_\_\_\_ points

**Coaches you may approach your team for 30 seconds to assist in any questions.**

**This is not a charged time out and this is not your substitution meeting. (Pause briefly for protests.)**

**Are there any questions?**

**Chief Judge** (Restate the score if they have changed because of protests.)

#### 4<sup>th</sup> Quarter – Sixty Second Instructions

**Moderator** **The fourth quarter of sixty second questions is about to begin. Everyone please be seated.**

**The categories for the 4<sup>th</sup> quarter are: (Brief description)**

**1. SOCIAL STUDIES – HISTORICAL BATTLE LOSERS**

**2. LITERATURE – THE ODYSSEY**

**3. SCIENCE – ELEMENTAL TRIVIA**

**Teams, you may huddle with your team and coach away from the playing table for 30 seconds to discuss substitutions and category selection. Please leave all paper and pencils at your table during this huddle. Your 30 seconds begins now. (Begin time) Time is up, please return to your tables. Do not bring anything back to the table with you.**

**Substituting team members, check in with the scorekeeper and designate your captains for this round.**

**You will have 10 seconds to choose your category. (Active team) may move to a position behind the captain. (Other team) put down your pencils. Captain, all answers will come from you unless you defer to another student.**

**Moderator** (School name) **You will have your choice of the two remaining categories. (Other team) put down your pencils. (Active school) may move to a position behind your captain. You will have 10 seconds to make your selection.**

**The selections are:**

**1.**

**2.**

**Moderator** (Check the score with the chief judge and score keeper) **The score at the end of the game is:**

(School name) \_\_\_\_\_ has \_\_\_\_\_ points

(School name) \_\_\_\_\_ has \_\_\_\_\_ points

**Are there any questions? Coaches you may approach your team for 30 seconds to assist in any questions. This is not a charged time out.**

**(Restate the score if it has changed)**

**(If the game is tied, sudden death questions will be asked.)**

**Because the game is tied, sudden death toss-up questions will be asked. Would either team like to make substitutions? Again, this is not a time for coaches to confer with their team. (Pause for substitutions.)**

**Moderator** **This concludes the game. Congratulations to both teams. Please check your bracket and move to the next round as quickly as possible.**

**OSSAA 2025-2026  
REGIONALS GAME 4  
QUARTER 4  
LIGHTNING ROUND**

**Social Studies: Historical Battle Losers**

**Directions:** Given the name of the battle, name the commander of the losing side.

- |                   |                                                  |
|-------------------|--------------------------------------------------|
| 1. Alamo          | Antonio López de <u>Santa Anna</u>               |
| 2. Antietam       | George <u>McClellan</u>                          |
| 3. Little Bighorn | George Armstrong <u>Custer</u>                   |
| 4. Waterloo       | Napoleon <u>Bonaparte</u>                        |
| 5. Yorktown       | Charles <u>Cornwallis</u>                        |
| 6. Zama           | <u>Hannibal Barca</u>                            |
| 7. Gaugamela      | <u>Darius III</u>                                |
| 8. Wabash         | Arthur <u>St. Clair</u>                          |
| 9. Midway         | Chuichi <u>Nagumo</u> or Isoroku <u>Yamamoto</u> |
| 10. Hastings      | Harold <u>Godwinson</u>                          |

**Extras:**

- |            |                        |
|------------|------------------------|
| 11. Actium | Mark <u>Antony</u>     |
| 12. Hattin | Guy of <u>Lusignan</u> |

**OSSAA 2025-2026  
REGIONALS GAME 4  
QUARTER 4  
LIGHTNING ROUND**

**Literature: The Odyssey**

**Directions:** Given a brief description, name the following from Homer's Odyssey.

- |                                                                                                           |            |
|-----------------------------------------------------------------------------------------------------------|------------|
| 1. Faithful wife of Odysseus who fends off suitors with her weaving ruse.                                 | Penelope   |
| 2. Son of Odysseus who searches for news of his father.                                                   | Telemachus |
| 3. One-eyed giant blinded by Odysseus.                                                                    | Polyphemus |
| 4. Magical herb given by Hermes that protected Odysseus from Circe's spells.                              | Moly       |
| 5. Sea god who hinders Odysseus for blinding his son.                                                     | Poseidon   |
| 6. Sorceress who turns men into swine before aiding Odysseus.                                             | Circe      |
| 7. Plant that causes Odysseus's men to forget home.                                                       | Lotus      |
| 8. Monsters whose song lures sailors to destruction.                                                      | Sirens     |
| 9. Six-headed monster who devours sailors from Odysseus's ship.                                           | Scylla     |
| 10. This ruler of the winds gave Odysseus a bag containing all but the west wind to aid his journey home. | Aeolus     |

**Extras:**

- |                                                                                 |            |
|---------------------------------------------------------------------------------|------------|
| 11. Second-in-command of Odysseus who persuaded the men to eat Helios's cattle. | Eurylochus |
| 12. Dead prophet who advises Odysseus in the Underworld.                        | Tiresias   |

**OSSAA 2025-2026  
REGIONALS GAME 4  
QUARTER 4  
LIGHTNING ROUND  
Science: Elemental Trivia**

**Directions:** Given a brief description, identify the following elements.

- |                                                                                                    |          |
|----------------------------------------------------------------------------------------------------|----------|
| 1. The only metal that is liquid at room temperature                                               | Mercury  |
| 2. The lightest and most abundant element in the universe                                          | Hydrogen |
| 3. Greenish-yellow gas used to disinfect water and first used as a chemical weapon in WWI          | Chlorine |
| 4. This element was discovered by Marie Curie and named after her homeland                         | Polonium |
| 5. The second lightest element, first discovered in the solar spectrum before being found on Earth | Helium   |
| 6. The main component of diamonds and graphite                                                     | Carbon   |
| 7. The element with the highest electrical conductivity                                            | Silver   |
| 8. The radioactive element used in early glow-in-the-dark paint                                    | Radium   |
| 9. Element responsible for the distinctive color of emeralds                                       | Chromium |
| 10. Heavy radioactive element used in nuclear fuel and atomic bombs                                | Uranium  |

**Extras:**

- |                                                                       |         |
|-----------------------------------------------------------------------|---------|
| 11. Its name comes from the Norse god of thunder                      | Thorium |
| 12. Used in nuclear reactors and named after a country in Scandinavia | Hafnium |

**OSSAA 2025-2026  
REGIONALS GAME 4  
EXTRA QUESTIONS**

**Extra Questions**

**Team 1    Team 2**

E1. **Math Computation:** What is the z-score in a normally distributed data set with a score of 115, a mean of 61, and a standard deviation of 3? Remember, z-score is a unitless number which equals the difference between  $x$  and  $\mu$  all divided by  $s$ .

\_\_\_\_\_

**Answer:** 18

E2. This reformer was the first woman elected as a state official in Oklahoma and served as the Commissioner of Charities and Corrections. She investigated abuse in prisons and orphanages, opposed child labor, and advocated for Native American land rights. Who was this early 20th-century social reformer?

\_\_\_\_\_

**Answer:** Kate Barnard

E3. Discovered in 1977, this celestial object orbits the Sun between Saturn and Uranus and was the first identified member of the centaur class—bodies that share characteristics of both asteroids and comets. What is the name of this object that also exhibits occasional comet-like activity?

\_\_\_\_\_

**Answer:** Chiron

E4. In Greek mythology, this nymph was pursued by the river god Alpheus, who tried to seize her as she fled. To escape, she was transformed into a freshwater spring on the island of Ortygia near Syracuse. Name this figure associated with a famous fountain.

\_\_\_\_\_

**Answer:** Arethusa

**OSSAA 2025-2026  
REGIONALS GAME 4  
EXTRA QUESTIONS**

E5. This vocal technique involves sliding continuously from one pitch to another, often more subtly than a glissando. It is frequently used in jazz, blues, and expressive vocal styles to convey emotion or imitate natural speech inflections. What is the name of this pitch-sliding technique, derived from the Italian for "carrying"?

\_\_\_\_\_

**Answer:** Portamento

E6. This 19th-century engineer from Connecticut is knocked unconscious and awakens in King Arthur's England. Using his knowledge of modern science, he predicts an eclipse and introduces inventions like gunpowder and the telegraph. Name this protagonist of *A Connecticut Yankee in King Arthur's Court* by Mark Twain.

\_\_\_\_\_

**Answer:** Hank Morgan

E7. This 1995 comedy follows Craig, played by Ice Cube, and Smokey, played by Chris Tucker, through a wild day in South Central Los Angeles as they scramble to repay a debt "or there won't be a Saturday," all while dodging a local bully. Name this film.

\_\_\_\_\_

**Answer:** *Friday*

E8. This economic reform was widely implemented during the 1990s in former Soviet states and Latin American countries as part of market liberalization. It involves the sale or transfer of government-owned businesses or services to individuals or corporations. What is this process aimed at reducing state control over the economy?

\_\_\_\_\_

**Answer:** Privatization

**OSSAA 2025-2026  
REGIONALS GAME 4  
EXTRA QUESTIONS**

E9. This group of elements appears in Group 16 of the periodic table and includes both nonmetals and metalloids. They commonly form -2 anions and are essential in biological and environmental systems, with oxygen and sulfur being prominent examples. What is this group that also includes selenium and tellurium?

\_\_\_\_\_

**Answer:** Chalcogens (also accept: Oxygen Family)

E10. This literary character matures from the carefree companion of Falstaff into a disciplined ruler who leads England at the Battle of Agincourt. The son of King Henry IV, he becomes the title monarch of a Shakespeare play. Name this prince who becomes Henry V.

\_\_\_\_\_

**Answer:** Prince Hal

2025-2026

**OSSAA  
REGIONAL  
CHAMPIONSHIP**

High School

**GAME 5**

(BEGINNING OF GAME)

Welcome to the Oklahoma Secondary School Activities Association Academic Bowl. You have previously been instructed regarding the rules. Please turn off all cell phones, tablets, or any device that can receive or send messages. Coaches, team members, and guests are to sit behind their team. Coaches, your protests need to be at the allowed times.

- Introduce yourself and the chief judge.
- **Give your four count.** – Do this for every match (Game Procedures A – 11)
- Have the chief judge check the buzzers.

Note (do not read):

Official closest to scorekeeper: Make sure that scorekeeper has **full names** of students and check after first few questions that they are fully shading in correct answers, and marking correct answers only.

Official closest to timekeeper: Make sure the timekeeper is starting the clock and clearing for the first few questions.

**OSSAA 2025-2026  
REGIONALS GAME 5  
QUARTER 1  
TOSS-UP QUESTIONS**

**Team 1    Team 2**

1. **Math Computation:** Simplify the expression log base 4 of the quantity 1 over the cubed root of 16 end quantity.

\_\_\_\_\_

**Answer:**  $-2/3$

2. This 1995 psychological thriller based on a Stephen King novel stars Kathy Bates as a Maine housekeeper accused of killing her wealthy employer. When her daughter, played by Jennifer Jason Leigh, returns home, buried secrets surface, and a solar eclipse exposes the truth about her husband's death. Name this film.

\_\_\_\_\_

**Answer:** *Dolores Claiborne*

3. This character immigrates from Lithuania to Chicago, where he works in a meatpacking plant and is eventually jailed after attacking a boss who assaulted his wife. He loses family members to illness and accidents before turning to socialism. Name this protagonist of *The Jungle* by Upton Sinclair.

\_\_\_\_\_

**Answer:** Jurgis Rudkus

4. **Math Computation:** What is the volume in terms of pi of a cylinder that has a radius of 5 inches and a height of 11 inches?

\_\_\_\_\_

**Answer:**  $275\pi \text{ in}^3$  [read: 275 pi inches cubed (cubic inches)]

**OSSAA 2025-2026  
REGIONALS GAME 5  
QUARTER 1  
TOSS-UP QUESTIONS**

5. This natural process shapes landscapes over time by removing soil, rock, and sediment from one location and transporting it to another. It involves the gradual wearing away of Earth's surface by agents like wind, water, and ice. Name this process, which plays a major role in forming valleys and shaping coastlines.

\_\_\_\_\_

**Answer:** Erosion

6. This Jamaican sprinter set the world record in the 100-meter dash at 9.58 seconds in 2009. He has won eight Olympic gold medals and is the only sprinter to win the 100 and 200 meters at three consecutive Olympics. Name this athlete.

\_\_\_\_\_

**Answer:** Usain Bolt

7. **Math Computation:** Compute the range of the following set of data: 26, 17, 55, 74, and 38.

\_\_\_\_\_

**Answer:** 57

8. This class of organic compounds contains a carbonyl group joined to a nitrogen atom and often forms when an acid reacts with ammonia or an organic derivative of it. Found in peptide bonds within proteins, they include compounds such as acetamide. Identify this group.

\_\_\_\_\_

**Answer:** Amides

9. In Greek mythology, this god was one of the Oneiroi, spirits of dreams. He appeared in human form in dreams to deliver messages from the gods. His name is derived from the Greek word for "shape" or "form." Name this deity.

\_\_\_\_\_

**Answer:** Morpheus

**OSSAA 2025-2026  
REGIONALS GAME 5  
QUARTER 1  
TOSS-UP QUESTIONS**

10. These internal membrane structures are organized into stacks called grana and contain pigments like chlorophyll embedded in their membranes. They are the sites where the light-dependent reactions of photosynthesis occur. What are these flattened sac-like structures found inside chloroplasts? \_\_\_\_\_

**Answer:** Thylakoids

11. This literary character mocks romantic ideals and serves as a foil to the more lovestruck protagonist. He is mortally wounded during a street fight after cursing both the Montagues and Capulets, setting off a chain of tragic events. Identify this witty friend in William Shakespeare's *Romeo and Juliet*. \_\_\_\_\_

**Answer:** Mercutio

12. This idealized physical object absorbs all incident electromagnetic radiation, regardless of frequency or angle, and re-emits energy with a characteristic spectrum dependent solely on its temperature. Its radiation curve is used as a standard in thermal emission studies. What is this theoretical emitter central to Planck's work and quantum theory? \_\_\_\_\_

**Answer:** blackbody

13. This volunteer regiment first saw action at the Battle of Las Guasimas and advanced over Kettle Hill before assisting in the capture of San Juan Hill. Composed of Western frontiersmen and Eastern elites, it was led by a future U.S. president. Name this famed cavalry unit of the Spanish-American War. \_\_\_\_\_

**Answer:** Rough Riders

**OSSAA 2025-2026  
REGIONALS GAME 5  
QUARTER 1  
TOSS-UP QUESTIONS**

14. This process reduces the concentration of a solute in a solution, typically by adding more solvent. It is commonly expressed using the formula  $M_1V_1 = M_2V_2$  [read: M one V one equals M two V two]. Identify this procedure used in chemistry to prepare weaker solutions from stronger ones.

\_\_\_\_\_

**Answer:** Dilution

15. Set to release on March 20, 2026, this film adaptation of an Andy Weir novel follows Dr. Ryland Grace, a schoolteacher-turned-astronaut on a desperate mission to save Earth from a dying Sun. Directed by Phil Lord and Christopher Miller, it stars Ryan Gosling as Grace. Name this upcoming sci-fi film.

\_\_\_\_\_

**Answer:** *Project Hail Mary*

16. First signed in the 19th century and expanded after World War II, this international agreement establishes standards for humane treatment of wounded soldiers, prisoners of war, and civilians during conflict. What is this set of treaties aimed at protecting victims of armed warfare?

\_\_\_\_\_

**Answer:** Geneva Convention

17. This brilliant but sinister mastermind commands a global criminal network and serves as the nemesis of British agent Denis Nayland Smith. Feared for his poisons, assassins, and strange scientific weapons, he became the embodiment of early 20th-century "Yellow Peril" fiction. Name this villain created by Sax Rohmer.

\_\_\_\_\_

**Answer:** Fu Manchu

**OSSAA 2025-2026  
REGIONALS GAME 5  
QUARTER 1  
TOSS-UP QUESTIONS**

18. Established in 1619, this legislative body was the first representative assembly in the American colonies. It met in Virginia and marked the beginning of self-government in British North America. What is this early institution that set a precedent for future democratic governance?

\_\_\_\_\_

**Answer:** House of Burgesses

19. **Math Computation:** What is the least common multiple of 8, 14, and 35?

\_\_\_\_\_

**Answer:** 280

20. This landowner from Donwell Abbey serves as confidant and voice of reason to the heroine, often scolding her matchmaking. Valuing honesty over charm, he later becomes her husband. Name this character from Jane Austen's *Emma*.

\_\_\_\_\_

**Answer:** George Knightley

**Moderator:** (Check score with chief judge and scorekeeper.)

**The score at the end of the first quarter is:**

(school name) \_\_\_\_\_ has \_\_\_\_\_ points

(school name) \_\_\_\_\_ has \_\_\_\_\_ points

**Coaches you may approach your team for 30 seconds to assist in any questions.**

**This is not a charged time out and this is not your substitution meeting. (Pause briefly for protests.)**

**Are there any questions?**

**Chief Judge:** (Restate the score if they have changed because of protests.)

(In case of a tie after the first quarter) **Since the score is tied, we will continue with additional toss-up questions until one team scores. (Restate the score if necessary)**

### 2<sup>nd</sup> Quarter – Sixty Second Instructions

**Moderator** The second quarter of sixty second questions is about to begin. Everyone please be seated.

**The categories for the 2<sup>nd</sup> quarter are: (Brief description)**

1. **SOCIAL STUDIES – U.S. NATIONAL PARKS AND THEIR STATES**
2. **FINE ARTS – GREEK MYTHOLOGICAL MONSTERS AND THEIR SLAYERS**
3. **LITERATURE – POETS AND THEIR WORKS**

**Teams, you may huddle with your team and coach away from the playing table for 30 seconds to discuss substitutions and category selection. Please leave all paper and pencils at your table during this huddle. Your 30 seconds begins now. (Begin time) Time is up, please return to your tables. Do not bring anything back to the table with you.**

**Substituting team members, check in with the scorekeeper and designate your captains for this round.**

**Because (school name) is ahead at this time, they will have the choice to play or defer until the 4<sup>th</sup> quarter.**

- **You will have 10 seconds to make your decision. (School name) do you choose to play or defer?**
- **(Address playing team) You will have 10 seconds to choose your category (re-read the above categories)**
- **(If the 10 second buzzer goes off, the moderator will ask for an immediate response.)**
- **Since (school name) is playing first, they may move to a position behind their captain. (Other team) will put down their pencils until their time to play. Captain, all answers will come from you unless you defer to another student.**

**Moderator** (School name) **You have your choice of the two remaining categories. (Other team) put down your pencils. (Active school) may move to a position behind your captain. You will have 10 seconds to make your choice.**

**The selections are:**

1.

2.

**Moderator** (Check the score with the chief judge and score keeper.)

**The score at the end of the first half is:**

(School name) \_\_\_\_\_ has \_\_\_\_\_ points

(School name) \_\_\_\_\_ has \_\_\_\_\_ points.

**Are there any questions? Coaches you may approach your team for 30 seconds to assist in any questions. This is not a charged time out. (Pause briefly for protests.)**

**This concludes the first half of play. We will pause for substitutions**

**Substituting team members, please check in with the scorekeeper. WE WILL NOW BEGIN 3<sup>RD</sup> QUARTER TOSS-UP QUESTIONS.**

**OSSAA 2025-2026  
REGIONALS GAME 5  
QUARTER 2  
LIGHTNING ROUND**

**Social Studies: U.S. National Parks and their States**

**Directions:** Given the name of a United States National Park, name the state it is primarily located in.

- |                       |                |
|-----------------------|----------------|
| 1. Yellowstone        | Wyoming        |
| 2. Everglades         | Florida        |
| 3. Denali             | Alaska         |
| 4. Great Basin        | Nevada         |
| 5. Congaree           | South Carolina |
| 6. Arches             | Utah           |
| 7. Theodore Roosevelt | North Dakota   |
| 8. Grand Canyon       | Arizona        |
| 9. Cuyahoga Valley    | Ohio           |
| 10. Isle Royale       | Michigan       |
| <b>Extras:</b>        |                |
| 11. Lassen Volcanic   | California     |
| 12. Dry Tortugas      | Florida        |

**OSSAA 2025-2026  
REGIONALS GAME 5  
QUARTER 2  
LIGHTNING ROUND**

**Fine Arts: Greek Mythological Monsters and their Slayers**

**Directions:** Given the name of a monster from Greek mythology, name the person who slew or subdued the monster.

- |                                     |                                |
|-------------------------------------|--------------------------------|
| 1. Minotaur                         | Theseus                        |
| 2. Medusa                           | Perseus                        |
| 3. Nemean Lion                      | Heracles (Hercules)            |
| 4. The Colchian Dragon              | Jason                          |
| 5. Chimera                          | Bellerophon                    |
| 6. Calydonian Boar                  | Atalanta or Meleager           |
| 7. Cyclops Polyphemus               | Odysseus (Ulysses)             |
| 8. Sphinx of Thebes                 | Oedipus                        |
| 9. Talos                            | Medea                          |
| 10. Typhon                          | Zeus                           |
| <b>Extras:</b>                      |                                |
| 11. Cerberus (captured, not killed) | Heracles (Hercules) or Orpheus |
| 12. Python                          | Apollo                         |

**OSSAA 2025-2026  
REGIONALS GAME 5  
QUARTER 2  
LIGHTNING ROUND**

**Literature: Poets and their Works**

**Directions:** Given the name of a poem or group of poems, name the poet.

- |                                                   |                                  |
|---------------------------------------------------|----------------------------------|
| 1. <i>Poems Chiefly in a Scottish Dialect</i>     | Bobby <u>Burns</u>               |
| 2. <i>Twenty Love Poems and a Song of Despair</i> | Pablo <u>Neruda</u>              |
| 3. <i>A Poison Tree</i>                           | William <u>Blake</u>             |
| 4. <i>Annabel Lee</i>                             | Edgar Allen <u>Poe</u>           |
| 5. <i>Clio's Protest</i>                          | Richard Brinsley <u>Sheridan</u> |
| 6. <i>Home Burial</i>                             | Robert <u>Frost</u>              |
| 7. <i>I Sing of Olaf Glad and Big</i>             | E.E. <u>Cummings</u>             |
| 8. <i>Leda and the Swan</i>                       | W.B. <u>Yeats</u>                |
| 9. <i>Ode on a Grecian Urn</i>                    | John <u>Keats</u>                |
| 10. <i>Song for a Dark Girl</i>                   | <u>Langston Hughes</u>           |

**Extras:**

- |                                   |                                   |
|-----------------------------------|-----------------------------------|
| 11. <i>Tales of a Wayside Inn</i> | Henry Wadsworth <u>Longfellow</u> |
| 12. <i>The Hollow Men</i>         | T.S. <u>Eliot</u>                 |

**OSSAA 2025-2026  
REGIONALS GAME 5  
QUARTER 3  
TOSS-UP QUESTIONS**

**Team 1    Team 2**

21. Completed in 1869, this massive infrastructure project linked the eastern U.S. rail network with the Pacific coast, drastically reducing travel time across the country. Built by companies like Union Pacific and Central Pacific, it was joined at Promontory Summit, Utah. What is this historic rail line?

\_\_\_\_\_

**Answer:** Transcontinental Railroad

22. Opening with the line "Man is born free, and everywhere he is in chains," this 1762 treatise argues that true political authority comes from a collective agreement among free people and introduces the idea of the "general will." Name this work by Jean-Jacques Rousseau.

\_\_\_\_\_

**Answer:** The Social Contract

23. This American general, known for carrying pistols with ivory-handled grips, gained fame for his bold leadership of armored divisions during World War II. He commanded forces in North Africa and Sicily and led the Third Army's drive across France after D-Day. Identify this general nicknamed "Old Blood and Guts."

\_\_\_\_\_

**Answer:** George S. Patton, Jr.

24. In this 2000 novel, a classics professor at a New England college resigns after being falsely accused of racism. As his story unfolds, it is revealed that he has been passing as white and Jewish, concealing his African American ancestry even from his own children. Name this novel by Philip Roth.

\_\_\_\_\_

**Answer:** *The Human Stain*

**OSSAA 2025-2026  
REGIONALS GAME 5  
QUARTER 3  
TOSS-UP QUESTIONS**

25. **Math Computation:** A \$1300 savings account earns 15% interest. How much will be in the account after 1 year if it is compounded annually?

\_\_\_\_\_

**Answer:** 1495

26. This 1985 animated fantasy film from Walt Disney Studios is loosely based on the first two books of The Chronicles of Prydain by Lloyd Alexander. It follows a young pig-keeper named Taran who sets out to stop the Horned King from using a magical object to raise an undead army. Name this film.

\_\_\_\_\_

**Answer:** *The Black Cauldron*

27. This constant, valued at about  $6.022 \times 10^{23}$ , represents the number of particles in one mole of any substance. It allows chemists to relate atomic masses to measurable quantities and is essential in stoichiometry and gas calculations. Identify this constant named for an Italian scientist.

\_\_\_\_\_

**Answer:** The Avogadro Constant

28. In Greek mythology, this son of Theseus and Phaedra was a companion of the hero Alcestis and later a ruler of Athens. He was also known for his close friendship with the hero Pyrrhus, with whom he ventured into the underworld. Name this figure.

\_\_\_\_\_

**Answer:** Demophon (DEM-uh-fon)

**OSSAA 2025-2026  
REGIONALS GAME 5  
QUARTER 3  
TOSS-UP QUESTIONS**

29. This literary character, a wealthy paper tycoon and noted patriot, is believed to be dead when sixteen heirs are gathered to solve the puzzle of his will. Using aliases like Barney Northrup and Sandy McSouthers, he orchestrates the contest. Name this man from Ellen Raskin's *The Westing Game*. \_\_\_\_\_

**Answer:** Uncle Sam (Accept: Sam Westing)

30. **Math Computation:** List the prime factors of 714 in ascending order. \_\_\_\_\_

**Answer:** 2, 3, 7, and 17

31. This oceanographic process occurs when deep, cold, nutrient-rich water rises to the surface, often along coastlines where winds push surface water away. It supports high biological productivity and major fisheries, such as those off Peru and California. Identify this vertical movement of ocean water. \_\_\_\_\_

**Answer:** Upwelling

32. **Math Computation:** In the sinusoidal equation  $f(x) = 3\cos(5x) + 7$  [read: F of x equals 3 cosine of the quantity 5x end quantity plus 7], what is the period? Provide your answer in terms of pi. \_\_\_\_\_

**Answer:**  $2\pi/5$

33. This specialized stinging cell is found in aquatic animals such as jellyfish, corals, and sea anemones. It contains a capsule with a coiled thread that can rapidly discharge to capture prey or deliver toxins. Identify this unique defensive and predatory cell. \_\_\_\_\_

**Answer:** Cnidocyte

**OSSAA 2025-2026  
REGIONALS GAME 5  
QUARTER 3  
TOSS-UP QUESTIONS**

34. This American retailer began in the 1890s selling watches by mail and soon became famous for its massive catalog offering everything from clothing to entire kit homes. It expanded into department stores during the 1920s and shaped American consumer culture for decades. Name this company.

\_\_\_\_\_

**Answer:** Sears & Roebuck (prompt on Sears)

35. This British naval ship set sail in 1831 on a surveying mission that would last five years and circumnavigate the globe. It carried a young naturalist who made key observations in the Galápagos Islands that influenced his theory of natural selection. Name this vessel that carried Charles Darwin.

\_\_\_\_\_

**Answer:** HMS Beagle (prompt on Beagle)

36. This literary character speaks in a slow, matter-of-fact tone as he recounts a wildly exaggerated tale about a man and his trained frog named Dan'l Webster. He corners the narrator with his rambling storytelling in a mining camp. Name this literary character from *The Celebrated Jumping Frog of Calaveras County* by Mark Twain.

\_\_\_\_\_

**Answer:** Simon Wheeler

37. Written in 1930 by Hoagy Carmichael and Stuart Gorrell, this song became a hit three decades later when Ray Charles recorded it with Sid Feller's orchestral arrangement for his 1960 album *The Genius Hits the Road*. Name this song that became Georgia's official state song in 1979.

\_\_\_\_\_

**Answer:** *Georgia on My Mind*

**OSSAA 2025-2026  
REGIONALS GAME 5  
QUARTER 3  
TOSS-UP QUESTIONS**

38. **Math Computation:** You can paint a wall in 5 hours while a professional can paint that same wall in 3 hours. How long, in hours, would it take both of you to paint the wall together?

\_\_\_\_\_

**Answer:** 15/8 (also accept: 1 7/8 or 1.875)

39. This Mediterranean port city was founded by Alexander the Great and became a major center of learning and trade in the ancient world. It was home to the Great Library and the Pharos, one of the Seven Wonders of the Ancient World. Identify this Egyptian city.

\_\_\_\_\_

**Answer:** Alexandria

40. This open star cluster, visible in the constellation Taurus, contains several bright blue stars formed from the same nebular cloud. Also known as the Seven Sisters, it has been significant in cultures worldwide for navigation and mythology. Identify this nearby stellar cluster.

\_\_\_\_\_

**Answer:** Pleiades

**Moderator** (Check score with chief judge and scorekeeper.)

**The score at the end of the third quarter is:**

(school name) \_\_\_\_\_ has \_\_\_\_\_ points

(school name) \_\_\_\_\_ has \_\_\_\_\_ points

**Coaches you may approach your team for 30 seconds to assist in any questions.**

**This is not a charged time out and this is not your substitution meeting. (Pause briefly for protests.)**

**Are there any questions?**

**Chief Judge** (Restate the score if they have changed because of protests.)

#### 4<sup>th</sup> Quarter – Sixty Second Instructions

**Moderator** **The fourth quarter of sixty second questions is about to begin. Everyone please be seated.**

**The categories for the 4<sup>th</sup> quarter are: (Brief description)**

- 1. FINE ARTS – RENAISSANCE ARTISTS AND THEIR WORKS**
- 2. SOCIAL STUDIES – LANDMARK SUPREME COURT CASES II**
- 3. SOCIAL STUDIES – SOUTH AMERICAN CAPITALS**

**Teams, you may huddle with your team and coach away from the playing table for 30 seconds to discuss substitutions and category selection. Please leave all paper and pencils at your table during this huddle. Your 30 seconds begins now. (Begin time) Time is up, please return to your tables. Do not bring anything back to the table with you.**

**Substituting team members, check in with the scorekeeper and designate your captains for this round.**

**You will have 10 seconds to choose your category. (Active team) may move to a position behind the captain. (Other team) put down your pencils. Captain, all answers will come from you unless you defer to another student.**

**Moderator** (School name) **You will have your choice of the two remaining categories. (Other team) put down your pencils. (Active school) may move to a position behind your captain. You will have 10 seconds to make your selection.**

**The selections are:**

**1.**

**2.**

**Moderator** (Check the score with the chief judge and score keeper) **The score at the end of the game is:**

(School name) \_\_\_\_\_ has \_\_\_\_\_ points

(School name) \_\_\_\_\_ has \_\_\_\_\_ points

**Are there any questions? Coaches you may approach your team for 30 seconds to assist in any questions. This is not a charges time out.**

**(Restate the score if it has changed)**

**(If the game is tied, sudden death questions will be asked.)**

**Because the game is tied, sudden death toss-up questions will be asked. Would either team like to make substitutions? Again, this is not a time for coaches to confer with their team. (Pause for substitutions.)**

**Moderator** **This concludes the game. Congratulations to both teams. Please check your bracket and move to the next round as quickly as possible.**

**OSSAA 2025-2026  
REGIONALS GAME 5  
QUARTER 4  
LIGHTNING ROUND**

**Fine Arts: Renaissance Artists and their Works**

**Directions:** Given the following renaissance works, name the artist who created them.

- |                                          |                          |
|------------------------------------------|--------------------------|
| 1. <i>The Last Supper</i>                | Leonardo <u>da Vinci</u> |
| 2. <i>David</i> (marble statue)          | Michelangelo             |
| 3. <i>The School of Athens</i>           | Raphael                  |
| 4. <i>David</i> (bronze statue)          | Donatello                |
| 5. <i>The Birth of Venus</i>             | Sandro <u>Botticelli</u> |
| 6. <i>Venus of Urbino</i>                | Titian                   |
| 7. <i>Melencolia I</i>                   | Albrecht <u>Dürer</u>    |
| 8. <i>The Arnolfini Portrait</i>         | Jan van <u>Eyck</u>      |
| 9. <i>The Garden of Earthly Delights</i> | Hieronymus <u>Bosch</u>  |
| 10. <i>The Tribute Money</i>             | Masaccio                 |

**Extras:**

- |                                    |                                 |
|------------------------------------|---------------------------------|
| 11. <i>The Dead Christ</i>         | Andrea <u>Mantegna</u>          |
| 12. <i>The Hunters in the Snow</i> | Pieter <u>Bruegel</u> the Elder |

**OSSAA 2025-2026  
REGIONALS GAME 5  
QUARTER 4  
LIGHTNING ROUND**

**Social Studies: Landmark Supreme Court Cases II**

**Directions:** Given the year and a brief description, name the landmark U.S. Supreme Court case.

1. 1819 – Upheld federal power to create a national bank. McCulloch v. Maryland
2. 1832 – Affirmed tribal sovereignty over state laws. Worcester v. Georgia
3. 1919 – Allowed speech restriction during wartime; "clear and present danger" test. Schenck v. United States
4. 1944 – Upheld internment of Japanese Americans during WWII. Korematsu v. United States
5. 1961 – Police found obscene materials during an illegal search; Court applied exclusionary rule to states. Mapp v. Ohio
6. 1962 – Prohibited state-sponsored prayer in public schools. Engel v. Vitale
7. 1967 – Struck down bans on interracial marriage. Loving v. Virginia
8. 1971 – Allowed publication of classified documents; limited prior restraint. New York Times v. United States
9. 1989 – Protected flag burning as symbolic speech. Texas v. Johnson
10. 2008 – Affirmed individual right to possess firearms. District of Columbia v. Heller

**Extras:**

11. 1978 – Barred racial quotas but allowed race-conscious admissions. Regents of the University of California v. Bakke
12. 1972 – Held that Amish families could not be forced to send children to school past 8th grade. Wisconsin v. Yoder

**OSSAA 2025-2026  
REGIONALS GAME 5  
QUARTER 4  
LIGHTNING ROUND  
Social Studies: South American Capitals**

**Directions:** Given the name of a South American capital, name the country.

- |                 |           |
|-----------------|-----------|
| 1. Buenos Aires | Argentina |
| 2. Santiago     | Chile     |
| 3. Montevideo   | Uruguay   |
| 4. Lima         | Peru      |
| 5. Quito        | Ecuador   |
| 6. Bogotá       | Colombia  |
| 7. Caracas      | Venezuela |
| 8. La Paz       | Bolivia   |
| 9. Asunción     | Paraguay  |
| 10. Paramaribo  | Suriname  |
| <b>Extras:</b>  |           |
| 11. Georgetown  | Guyana    |
| 12. Brasília    | Brazil    |

**OSSAA 2025-2026  
REGIONALS GAME 5  
EXTRA QUESTIONS**

**Extra Questions**

**Team 1    Team 2**

E1. This term refers to a government order that restricts trade with a foreign nation. It was notably implemented in 1807 under Thomas Jefferson, damaging American merchants more than its intended targets. Name this economic measure used to exert pressure without military force.

\_\_\_\_\_

**Answer:** Embargo

E2. **Math Computation:** A checkbook starts with a balance of \$600. There are debits of \$145, \$82 and \$275, as well as a deposit of \$200. What is the final balance?

\_\_\_\_\_

**Answer:** \$298

E3. This explorer founded the city of Lima and claimed vast territories in South America for Spain during his campaigns in the Andes. He captured the Inca emperor Atahualpa after ambushing him at Cajamarca in 1532. What is the name of this Spanish conquistador who led the conquest of the Inca Empire?

\_\_\_\_\_

**Answer:** Francisco Pizarro

E4. This tissue forms in the seed of flowering plants after fertilization and serves as a food source for the developing embryo. It can be rich in starch, oils, or proteins, depending on the species. What is the term for this nutrient-storing tissue found inside seeds?

\_\_\_\_\_

**Answer:** Endosperm

**OSSAA 2025-2026  
REGIONALS GAME 5  
EXTRA QUESTIONS**

E5. This novel follows Titus, a teenager living in a near-future America where most people have internet-like implants in their brains. After a hacking incident on the Moon, he meets Violet, a girl who resists the consumerism driven by their constant stream of ads and media. Name this dystopian novel by M.T. Anderson.

\_\_\_\_\_

**Answer:** *Feed*

E6. This genre of classical music features a soloist accompanied by an orchestra and is typically structured in three movements: fast, slow, and fast. It allows the soloist to showcase virtuosity, especially during the cadenza section. What is this form that has been composed for instruments like piano, violin, and trumpet?

\_\_\_\_\_

**Answer:** Concerto

E7. This novel centers on four characters in Rome whose lives are forever altered after one commits a shocking murder. Donatello, a young Italian nobleman, shares an eerie likeness to a statue in the Capitoline Museum and is haunted by his actions. Name this final completed novel by Nathaniel Hawthorne.

\_\_\_\_\_

**Answer:** *The Marble Faun*

E8. **Math Computation:** Multiply the following two binomials together and simplify the answer:  $(4 + \sqrt{7})(3 + \sqrt{7})$  [read: the quantity 4 plus radical 7 end quantity times the quantity 3 plus radical 7 end quantity].

\_\_\_\_\_

**Answer:**  $19 + 7\sqrt{7}$  [read: 19 plus 7 times radical (square root) 7]

**OSSAA 2025-2026  
REGIONALS GAME 5  
EXTRA QUESTIONS**

E9. In this 1965 comedy-adventure directed by Blake Edwards, an early 20th-century automobile race from New York to Paris turns chaotic as competitors battle blizzards, broken machines, and each other. Their feud escalates into wild comic disasters on the road to victory. Name this film starring Tony Curtis and Jack Lemmon.

\_\_\_\_\_

**Answer:** The Great Race

E10. In fluid dynamics, this occurs at the interface between two fluids of different densities moving at different velocities, producing characteristic wave patterns. It plays a role in cloud formation, ocean waves, and astrophysical phenomena. Identify this instability named for two scientists.

\_\_\_\_\_

**Answer:** Kelvin–Helmholtz instability

2025-2026

**OSSAA  
REGIONAL  
CHAMPIONSHIP**

High School

**GAME 6**

(BEGINNING OF GAME)

Welcome to the Oklahoma Secondary School Activities Association Academic Bowl. You have previously been instructed regarding the rules. Please turn off all cell phones, tablets, or any device that can receive or send messages. Coaches, team members, and guests are to sit behind their team. Coaches, your protests need to be at the allowed times.

- Introduce yourself and the chief judge.
- **Give your four count.** – Do this for every match (Game Procedures A – 11)
- Have the chief judge check the buzzers.

Note (do not read):

Official closest to scorekeeper: Make sure that scorekeeper has **full names** of students and check after first few questions that they are fully shading in correct answers, and marking correct answers only.

Official closest to timekeeper: Make sure the timekeeper is starting the clock and clearing for the first few questions.

**OSSAA 2025-2026  
REGIONALS GAME 6  
QUARTER 1  
TOSS-UP QUESTIONS**

**Team 1    Team 2**

1. This stage of mitosis is marked by the fragmentation of the nuclear envelope and the attachment of microtubules to kinetochores. It follows prophase and precedes metaphase, during which chromosomes begin to move toward the cell's equatorial plane. What is this phase of cell division where spindle fibers first interact with chromosomes?

\_\_\_\_\_

**Answer:** Prometaphase

2. Fought in 1777 near the Hudson River, this revolutionary battle included major clashes at Freeman's Farm and Bemis Heights, where American forces cut off the British advance. General John Burgoyne ultimately surrendered his army to Horatio Gates, convincing France to support the colonies. Name this battle.

\_\_\_\_\_

**Answer:** Battle of Saratoga

3. This term describes different structural forms of the same element in the same physical state. These variations arise from distinct atomic arrangements, giving each form unique properties—for example, diamond and graphite. Identify this term used to describe structural varieties of a single element.

\_\_\_\_\_

**Answer:** Allotrope

4. This passenger on United Flight 93 used a GTE airphone to report the hijacking on September 11, 2001. He helped lead the effort to retake the cockpit and became known for his final words, "Let's roll." Name this man.

\_\_\_\_\_

**Answer:** Todd Beamer

**OSSAA 2025-2026  
REGIONALS GAME 6  
QUARTER 1  
TOSS-UP QUESTIONS**

5. This 19th-century group of American writers gained popularity for their use of rhyme, meter, and accessible language in poems often printed in textbooks and newspapers. Their works were read aloud in homes and classrooms across New England. Name this circle that included Longfellow, Whittier, Bryant, Holmes, and Lowell.

\_\_\_\_\_

**Answer:** The Fireside Poets

6. **Math Computation:** Solve for x in the equation  $7(2x - 3) = 4x + 21$  [read: 7 times the quantity 2x minus 3 end quantity equals 4x plus 21].

\_\_\_\_\_

**Answer:** (x =) 6

7. In Greek mythology, this Sicilian shepherd was a pastoral poet credited with inventing bucolic poetry. Loved by the god Pan and sometimes by a nymph, he was eventually blinded. Identify this figure.

\_\_\_\_\_

**Answer:** Daphnis (DAF-nis)

8. This novel follows former Olympic rider Brandy Williams, who struggles to rebuild her life after a drunk driving accident ends her career and lands her in prison. She finds purpose again through working with troubled teens and horses at a rehabilitation ranch. Name this novel by Lauraine Snelling.

\_\_\_\_\_

**Answer:** *Breaking Free*

9. Used in the U.S. Senate, this tactic allows a minority of lawmakers to delay or block legislation by extending debate. It can only be ended by a supermajority vote for cloture. What is this procedural move often associated with obstruction in legislative bodies?

\_\_\_\_\_

**Answer:** Filibuster

**OSSAA 2025-2026  
REGIONALS GAME 6  
QUARTER 1  
TOSS-UP QUESTIONS**

10. This literary character undergoes speech training to pass as a duchess at an ambassador's garden party, despite being a Cockney flower seller. She clashes with her demanding tutor but gains self-respect through her transformation. Identify this character from George Bernard Shaw's *Pygmalion*, later adapted into the musical *My Fair Lady*.

\_\_\_\_\_

**Answer:** Eliza Doolittle (prompt if only one name given)

11. **Science Computation:** A wave of wavelength 2.60 meters oscillates at 5.50 hertz. What is the speed of the wave in meters per second?

\_\_\_\_\_

**Answer:** 14.3 (meters per second)

12. This literary character is known for his wide grin and ability to disappear, sometimes leaving only his smile behind. He provides cryptic advice and philosophical commentary to the protagonist, often while perched in a tree. Identify this mischievous and enigmatic feline from Lewis Carroll's *Alice's Adventures in Wonderland*.

\_\_\_\_\_

**Answer:** Cheshire Cat (prompt if only one part of name given)

13. This scientific hypothesis proposes that life on Earth originated from microorganisms or organic compounds carried here by meteorites or comets. It suggests that life may be widespread throughout the universe, transferred between planets and star systems. Identify this theory about the extraterrestrial origin of life.

\_\_\_\_\_

**Answer:** Panspermia

**OSSAA 2025-2026  
REGIONALS GAME 6  
QUARTER 1  
TOSS-UP QUESTIONS**

14. This poem tells the story of a Native American hero, the son of the West Wind and a mortal woman. It includes his grandmother Nokomis and his wife Minnehaha, and follows his life from birth to his departure across the western waters. Name this poem by Henry Wadsworth Longfellow.

\_\_\_\_\_

**Answer:** *The Song of Hiawatha*

15. This Lakota leader and spiritual figure played a central role in resistance against U.S. government policies, including the defeat of Custer at the Battle of the Little Bighorn. Later forced to surrender, he joined Buffalo Bill's Wild West Show before being killed during an attempted arrest. Who was this influential Native American figure?

\_\_\_\_\_

**Answer:** Sitting Bull (Tatanka Lyotake)

16. **Math Computation:** What is the exact value of the sine of 510 degrees?

\_\_\_\_\_

**Answer:** 1/2

17. Elected on October 21, 2025, this woman became Japan's first female prime minister after the Liberal Democratic Party formed a coalition with the Japan Innovation Party. A longtime cabinet member under Shinzo Abe, who is this leader?

\_\_\_\_\_

**Answer:** Sanae Takaichi

**OSSAA 2025-2026  
REGIONALS GAME 6  
QUARTER 1  
TOSS-UP QUESTIONS**

18. This scientist, an English astrophysicist, led the 1919 eclipse expedition that confirmed general relativity by measuring the bending of starlight near the Sun. He also contributed to the study of stellar structure and internal radiation pressure. Identify this figure who popularized Einstein's theories in the English-speaking world.

\_\_\_\_\_

**Answer:** Arthur Eddington

19. This jersey number is the first and currently only number retired across all teams in Major League Baseball. In recognition of a player who broke the color barrier exactly 50 years prior, all current players and coaches wear this number on April 15th. Which number did Jackie Robinson wear?

\_\_\_\_\_

**Answer:** 42

20. **Math Computation:** If the equation  $x^2 / 4 - 4x + 16$  [read: x squared over 4 minus 4x plus 16] represents the area of a square, how long is one of the side lengths of this square?

\_\_\_\_\_

**Answer:**  $x/2 - 4$  [read: x divided by (over) 2 minus 4] [accept:  $-4 + x/2$ ]

**Moderator:** (Check score with chief judge and scorekeeper.)

**The score at the end of the first quarter is:**

(school name) \_\_\_\_\_ has \_\_\_\_\_ points

(school name) \_\_\_\_\_ has \_\_\_\_\_ points

**Coaches you may approach your team for 30 seconds to assist in any questions.**

**This is not a charged time out and this is not your substitution meeting. (Pause briefly for protests.)**

**Are there any questions?**

**Chief Judge:** (Restate the score if they have changed because of protests.)

**(In case of a tie after the first quarter) Since the score is tied, we will continue with additional toss-up questions until one team scores. (Restate the score if necessary)**

### 2<sup>nd</sup> Quarter – Sixty Second Instructions

**Moderator** The second quarter of sixty second questions is about to begin. Everyone please be seated.

**The categories for the 2<sup>nd</sup> quarter are: (Brief description)**

1. **CURRENT EVENTS – WORLD LEADERS**
2. **POP CULTURE – MTV MUSIC AWARDS**
3. **SPORTS – SOCCER LEAGUES AND STADIUMS**

**Teams, you may huddle with your team and coach away from the playing table for 30 seconds to discuss substitutions and category selection. Please leave all paper and pencils at your table during this huddle. Your 30 seconds begins now. (Begin time) Time is up, please return to your tables. Do not bring anything back to the table with you.**

**Substituting team members, check in with the scorekeeper and designate your captains for this round.**

**Because (school name) is ahead at this time, they will have the choice to play or defer until the 4<sup>th</sup> quarter.**

- **You will have 10 seconds to make your decision. (School name) do you choose to play or defer?**
- **(Address playing team) You will have 10 seconds to choose your category (re-read the above categories)**
- **(If the 10 second buzzer goes off, the maderator will ask for an immediate response.)**
- **Since (school name) is playing first, they may move to a position behind their captain. (Other team) will put down their pencils until their time to play. Captain, all answers will come from you unless you defer to another student.**

**Moderator** (School name) You have your choice of the two remaining categories. (Other team) put down your pencils. (Active schaal) moy move to a position behind your captain. You will have 10 seconds to make your choice.

**The selections are:**

- 1.
- 2.

**Moderator** (Check the score with the chief judge and score keeper.)

**The score at the end of the first half is:**

(School name) \_\_\_\_\_ has \_\_\_\_\_ points

(School name) \_\_\_\_\_ has \_\_\_\_\_ points.

**Are there any questions? Coaches you may approach your team for 30 seconds to assist in any questions. This is not a charged time out. (Pause briefly for protests.)**

**This concludes the first half of play. We will pause for substitutions**

**Substituting team members, please check in with the scorekeeper. WE WILL NOW BEGIN 3<sup>RD</sup> QUARTER TOSS-UP QUESTIONS.**

**OSSAA 2025-2026  
REGIONALS GAME 6  
QUARTER 2  
LIGHTNING ROUND**

**Current Events: World Leaders**

**Directions:** Given the country and leadership position as of October 2025, name the world leader who holds the position.

- |                                         |                                  |
|-----------------------------------------|----------------------------------|
| 1. President of China                   | Xi Jinping                       |
| 2. President of Russia                  | Vladimir <u>Putin</u>            |
| 3. Prime Minister of India              | Narendra <u>Modi</u>             |
| 4. Prime Minister of the United Kingdom | Keir <u>Starmer</u>              |
| 5. President of France                  | Emmanuel <u>Macron</u>           |
| 6. Chancellor of Germany                | Friedrich <u>Merz</u>            |
| 7. Prime Minister of Italy              | Giorgia <u>Meloni</u>            |
| 8. Prime Minister of Japan              | Sanae <u>Takaichi</u>            |
| 9. Prime Minister of Canada             | Mark <u>Carney</u>               |
| 10. President of Brazil                 | Luiz Inácio Lula da <u>Silva</u> |

**Extras:**

- |                              |                            |
|------------------------------|----------------------------|
| 11. President of Ukraine     | Volodymyr <u>Zelenskyy</u> |
| 12. President of South Korea | Lee <u>Jae-myung</u>       |

**OSSAA 2025-2026  
REGIONALS GAME 6  
QUARTER 2  
LIGHTNING ROUND**

**Pop Culture: MTV Music Awards**

**Directions:** Given the category, name the artist or group that won the award.

- |                                 |                        |
|---------------------------------|------------------------|
| 1. Video of the Year            | Ariana Grande          |
| 2. Artist of the Year           | Lady Gaga              |
| 3. Song of the Year             | Rosé & Bruno Mars      |
| 4. Best New Artist              | Alex Warren            |
| 5. Best Pop Artist              | Sabrina Carpenter      |
| 6. PUSH Performance of the Year | KATSEYE                |
| 7. Best Collaboration           | Lady Gaga & Bruno Mars |
| 8. Best Pop                     | Ariana Grande          |
| 9. Best Hip-Hop                 | Doechii                |
| 10. Best R&B                    | Mariah Carey           |
| <b>Extras:</b>                  |                        |
| 11. Best Alternative            | sombr                  |
| 12. Best Rock                   | Coldplay               |

**OSSAA 2025-2026  
REGIONALS GAME 6  
QUARTER 2  
LIGHTNING ROUND**

**Sports: Soccer Leagues and Stadiums**

**Directions:** Given the league or stadium, name the club team associated with it.

- |                        |                     |
|------------------------|---------------------|
| 1. Old Trafford        | Manchester United   |
| 2. Allianz Arena       | Bayern Munich       |
| 3. Anfield             | Liverpool           |
| 4. Santiago Bernabéu   | Real Madrid         |
| 5. Camp Nou            | Barcelona           |
| 6. Stamford Bridge     | Chelsea             |
| 7. Parc des Princes    | Paris Saint-Germain |
| 8. Emirates Stadium    | Arsenal             |
| 9. Signal Iduna Park   | Borussia Dortmund   |
| 10. San Siro           | AC Milan            |
| <b>Extras:</b>         |                     |
| 11. Johan Cruyff Arena | Ajax                |
| 12. Etihad Stadium     | Manchester City     |

**OSSAA 2025-2026  
REGIONALS GAME 6  
QUARTER 3  
TOSS-UP QUESTIONS**

**Team 1    Team 2**

21. This 1920 short story collection was the first published by its author and includes tales that depict the post-World War I Jazz Age. Stories in the collection include *Bernice Bobs Her Hair* and *The Ice Palace*. Name this work by F. Scott Fitzgerald.

\_\_\_\_\_

**Answer:** *Flappers and Philosophers*

22. These viruses infect and replicate within bacterial cells, often attaching to the host's surface and injecting their genetic material. They have been used in molecular biology research and as alternatives to antibiotics. Identify these viruses whose name means "bacteria eaters."

\_\_\_\_\_

**Answer:** Bacteriophages (prompt on phages)

23. **Math Computation:** Use the method involved with factoring a difference of squares to find 44 squared minus 42 squared.

\_\_\_\_\_

**Answer:** 172

24. This agreement officially ended direct U.S. military involvement in the Vietnam War and temporarily halted fighting between North and South Vietnam. Signed in early 1973, it included provisions for prisoner exchanges and a ceasefire. What were these accords signed in the French capital?

\_\_\_\_\_

**Answer:** Paris Peace Accords

**OSSAA 2025-2026  
REGIONALS GAME 6  
QUARTER 3  
TOSS-UP QUESTIONS**

25. This animal character of folklore originated in African tales and survived through oral traditions in the American South. He consistently defeats larger foes through cleverness, including a famous trick involving a briar patch. Identify this trickster, made widely known by the writings of Joel Chandler Harris.

\_\_\_\_\_

**Answer:** Br'er Rabbit

26. This informal economic index, introduced in 1986, compares the price of a common fast-food item across countries to assess purchasing power parity. Published by *The Economist*, it gauges whether currencies are misaligned. What is this index named after a McDonald's menu item?

\_\_\_\_\_

**Answer:** Big Mac Index

27. **Math Computation:** Determine the exact value of the tangent of 855 degrees.

\_\_\_\_\_

**Answer:** -1

28. This Baroque painter fled Rome after a 1606 murder and had a reputation for violence and frequent arrests. He trained in Milan and gained fame in Rome for his dramatic tenebrism. Who painted *The Calling of Saint Matthew* and *Judith Beheading Holofernes*?

\_\_\_\_\_

**Answer:** Caravaggio

29. This part of a galvanic cell allows ions to move between two solutions, maintaining charge balance as redox reactions occur. It prevents electrical buildup that would otherwise stop the reaction. What is this structure that completes the circuit in an electrochemical cell?

\_\_\_\_\_

**Answer:** Salt Bridge

**OSSAA 2025-2026  
REGIONALS GAME 6  
QUARTER 3  
TOSS-UP QUESTIONS**

30. Appointed in 1875 to bring law and order to Indian Territory, this federal judge presided over the U.S. District Court for the Western District of Arkansas. Known for his tough sentencing and over 150 death penalties, he earned a fearsome reputation on the frontier. Name this so-called "Hanging Judge."

\_\_\_\_\_

**Answer:** Isaac Parker

31. This literary character is the strong-willed daughter of a plantation owner who survives the upheaval of the American Civil War and Reconstruction in Georgia. She marries three times, including to Rhett Butler, and struggles to preserve her family estate. Identify this protagonist of Margaret Mitchell's *Gone with the Wind*.

\_\_\_\_\_

**Answer:** Scarlett O'Hara (prompt if only one name given)

32. This mystery drama follows survivors of a plane crash on a remote island, where they encounter strange creatures, hidden bunkers, and supernatural phenomena. The cast includes Matthew Fox, Evangeline Lilly, and Terry O'Quinn. What is this series?

\_\_\_\_\_

**Answer:** *Lost*

33. This sculpture was originally intended for the tomb of Pope Julius II and depicts a bearded man seated with stone tablets under one arm and a commanding gaze. Completed in the early 16th century, it is housed in San Pietro in Vincoli in Rome. Name this work by Michelangelo.

\_\_\_\_\_

**Answer:** *Moses*

**OSSAA 2025-2026  
REGIONALS GAME 6  
QUARTER 3  
TOSS-UP QUESTIONS**

34. **Math Computation:** Using factoring for a difference of squares, find 35 squared minus 33 squared. \_\_\_\_\_

**Answer:** 136

35. Also known as heavy hydrogen, this isotope of hydrogen has one proton and one neutron in its nucleus, making it twice as heavy as the most common hydrogen isotope. It is found in heavy water and is used in nuclear reactors. What is this stable hydrogen isotope? \_\_\_\_\_

**Answer:** Deuterium (Also accept: Hydrogen-2)

36. This nickname refers to a Mexican revolutionary from Yucatán who survived a 1915 execution after being shot nine times and receiving a coup de grâce to the head. He later recounted his survival in radio interviews. What name, meaning "the executed one," was given to Wenseslao Moguel? \_\_\_\_\_

**Answer:** El Fusilado

37. This literary character flees to England after his father's murder and later pretends to be corrupt to test Macduff's loyalty. He returns with English forces to reclaim the throne. Name this son of King Duncan who becomes king at the end of *Macbeth*. \_\_\_\_\_

**Answer:** Malcolm

38. **Math Computation:** Convert the binary number 1101011 [read: one one zero one zero one one] to hexadecimal. \_\_\_\_\_

**Answer:** 6B

**OSSAA 2025-2026  
REGIONALS GAME 6  
QUARTER 3  
TOSS-UP QUESTIONS**

39. These two Italian immigrants were arrested in 1920 for robbery and murder in Massachusetts and were executed in 1927 despite worldwide protests over the fairness of their trial. Their case became a symbol of anti-immigrant bias and political repression. Identify these men central to a famous U.S. legal case.

\_\_\_\_\_

**Answer:** Nicola Sacco and Bartolomeo Vanzetti

40. This type of electromagnetic radiation has a shorter wavelength and higher energy than visible light. It can cause skin damage, is used in sterilization and forensic analysis, and is mostly blocked by the ozone layer. What is this radiation commonly associated with sunburns?

\_\_\_\_\_

**Answer:** Ultraviolet (accept UV)

**Moderator** (Check score with chief judge and scorekeeper.)

**The score at the end of the third quarter is:**

(school name) \_\_\_\_\_ has \_\_\_\_\_ points

(school name) \_\_\_\_\_ has \_\_\_\_\_ points

**Coaches you may approach your team for 30 seconds to assist in any questions.**

**This is not a charged time out and this is not your substitution meeting. (Pause briefly for protests.)**

**Are there any questions?**

**Chief Judge** (Restate the score if they have changed because of protests.)

#### 4<sup>th</sup> Quarter – Sixty Second Instructions

**Moderator** **The fourth quarter of sixty second questions is about to begin. Everyone please be seated.**

**The categories for the 4<sup>th</sup> quarter are: (Brief description)**

- 1. MATH – BASE 10 TO HEXADECIMAL**
- 2. FINE ARTS – ARCHITECTS AND THEIR WORKS**
- 3. LITERATURE – AMERICAN PLAYWRIGHTS AND THEIR WORKS**

**Teams, you may huddle with your team and coach away from the playing table for 30 seconds to discuss substitutions and category selection. Please leave all paper and pencils at your table during this huddle. Your 30 seconds begins now. (Begin time) Time is up, please return to your tables. Do not bring anything back to the table with you.**

**Substituting team members, check in with the scorekeeper and designate your captains for this round.**

**You will have 10 seconds to choose your category. (Active team) may move to a position behind the captain. (Other team) put down your pencils. Captain, all answers will come from you unless you defer to another student.**

**Moderator** (School name) **You will have your choice of the two remaining categories. (Other team) put down your pencils. (Active school) may move to a position behind your captain. You will have 10 seconds to make your selection.**

**The selections are:**

- 1.**
- 2.**

**Moderator** (Check the score with the chief judge and score keeper) **The score at the end of the game is:**

(School name) \_\_\_\_\_ has \_\_\_\_\_ points

(School name) \_\_\_\_\_ has \_\_\_\_\_ points

**Are there any questions? Coaches you may approach your team for 30 seconds to assist in any questions. This is not a charges time out.**

**(Restate the scare if it hos changed)**

**(If the game is tied, sudden death questions will be asked.)**

**Because the game is tied, sudden death toss-up questions will be asked. Would either team like to make substitutions? Again, this is not a time for coaches to confer with their team. (Pause for substitutions.)**

**Moderator** **This concludes the game. Congratulations to both teams. Please check your bracket and move to the next round as quickly as possible.**

**OSSAA 2025-2026  
REGIONALS GAME 6  
QUARTER 4  
LIGHTNING ROUND**

**Math: Base 10 to Hexadecimal**

**Directions:** Convert the following base 10 numbers to their hexadecimal equivalent.

- |                |    |
|----------------|----|
| 1. 20          | 14 |
| 2. 25          | 19 |
| 3. 30          | 1E |
| 4. 35          | 23 |
| 5. 40          | 28 |
| 6. 45          | 2D |
| 7. 50          | 32 |
| 8. 55          | 37 |
| 9. 60          | 3C |
| 10. 65         | 41 |
| <b>Extras:</b> |    |
| 11. 70         | 46 |
| 12. 75         | 4B |

**OSSAA 2025-2026  
REGIONALS GAME 6  
QUARTER 4  
LIGHTNING ROUND  
Fine Arts: Architects and their Works**

**Directions:** Given the name of a structure, identify the architect who designed it.

- |                                              |                          |
|----------------------------------------------|--------------------------|
| 1. St. Peter's Basilica                      | Michelangelo             |
| 2. The Blue Mosque                           | Mimar Sinan              |
| 3. Step Pyramid of Djoser                    | Imhotep                  |
| 4. St. Paul's Cathedral                      | Sir Christopher Wren     |
| 5. Carson, Pirie, Scott and Company Building | Louis Henry Sullivan     |
| 6. Price Tower                               | Frank Lloyd Wright       |
| 7. Sagrada Família                           | Antoni Gaudí             |
| 8. Seagram Building                          | Ludwig Mies van der Rohe |
| 9. Louvre Pyramid                            | Ieoh Ming Pei            |
| 10. The Gherkin                              | Norman Foster            |

**Extras:**

- |                              |               |
|------------------------------|---------------|
| 11. TWA Flight Center        | Eero Saarinen |
| 12. Guggenheim Museum Bilbao | Frank Gehry   |

**OSSAA 2025-2026  
REGIONALS GAME 6  
QUARTER 4  
LIGHTNING ROUND**

**Literature: American Playwrights and Their Works**

**Directions:** Given the title of an American play, name the playwright.

- |                                          |                           |
|------------------------------------------|---------------------------|
| 1. <i>The Night of the Iguana</i>        | Tennessee <u>Williams</u> |
| 2. <i>A Raisin in the Sun</i>            | Lorraine <u>Hansberry</u> |
| 3. <i>Long Day's Journey Into Night</i>  | Eugene <u>O'Neill</u>     |
| 4. <i>Who's Afraid of Virginia Woolf</i> | Edward <u>Albee</u>       |
| 5. <i>Our Town</i>                       | Thornton <u>Wilder</u>    |
| 6. <i>Fences</i>                         | August <u>Wilson</u>      |
| 7. <i>The Crucible</i>                   | Arthur <u>Miller</u>      |
| 8. <i>Glengarry Glen Ross</i>            | David <u>Marnet</u>       |
| 9. <i>The Man Who Came to Dinner</i>     | George S. <u>Kaufman</u>  |
| 10. <i>Lost in Yonkers</i>               | Neil <u>Simon</u>         |
| <b>Extras:</b>                           |                           |
| 11. <i>August: Osage County</i>          | Tracy <u>Letts</u>        |
| 12. <i>Arsenic and Old Lace</i>          | Joseph <u>Kesselring</u>  |

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EXTRA QUESTIONS**

**Extra Questions**

**Team 1    Team 2**

E1. This American rapper appeared in numerous television shows and films during the 1990s and 2000s. His debut album *It Takes a Thief* featured the breakout single *Fantastic Voyage*. He later won a Grammy Award for *Gangsta's Paradise*, featured in the film *Dangerous Minds*. Name this performer.

\_\_\_\_\_

**Answer:** Coolio (Artis Leon Ivey Jr.)

E2. A major New Deal program, this initiative provided jobs to young men during the Great Depression through projects such as reforestation, park development, and erosion control. It was one of President Franklin D. Roosevelt's responses to widespread unemployment. Name this federal work relief program established in 1933.

\_\_\_\_\_

**Answer:** Civilian Conservation Corps (CCC)

E3. In this story, two con men tell a proud ruler their fabric is visible only to the competent. Wanting to appear worthy, he pretends to wear it and parades through the city, until a child reveals he's wearing nothing. What is this tale by Hans Christian Andersen?

\_\_\_\_\_

**Answer:** *The Emperor's New Clothes*

E4. This musical process involves a change from one key to another within a piece, often used to add contrast or build tension. It can be smooth and closely related, or abrupt and distant. What is this technique that shifts the tonal center during a composition?

\_\_\_\_\_

**Answer:** Modulation

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E5. These geological features can be classified as normal, reverse, or strike-slip depending on the movement direction. They are fractures in Earth's crust where stress causes blocks of rock to move relative to one another, often resulting in earthquakes. What are these zones of tectonic activity? \_\_\_\_\_

**Answer:** Faults

E6. **Math Computation:** What is the critical point of the function  $y = 1.5x^2 - 6x + 12$  [read: y equals 1.5 x squared minus 6x plus 12]? \_\_\_\_\_

**Answer:** (2, 12) [read: 2 comma 12]

E7. This 1963 painting shows a tearful blue-haired woman in a sinking boat and draws from comic books and Ben-Day dots. Created by a Pop Art pioneer who parodied romance comics, what is this work by Roy Lichtenstein? \_\_\_\_\_

**Answer:** *Drowning Girl*

E8. Passed by the British Parliament in 1765, this law required colonists to pay a direct tax on printed materials, including newspapers and legal documents. Widespread opposition to it helped unite the colonies in protest. What was this act that intensified tensions before the American Revolution? \_\_\_\_\_

**Answer:** Stamp Act

E9. **Math Computation:** Determine the value of  $f(-1)$  [read: F of negative 1], where  $f(x) = (x - 3)(x + 6x) / x$  [read: F of x equals the quantity x minus 3 end quantity times the quantity x plus 6x end quantity divided by x]. \_\_\_\_\_

**Answer:** -28

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E10. This chemist is best known for synthesizing urea from ammonium cyanate in 1828, challenging the belief that organic compounds could only be made by living organisms. His experiment marked the birth of modern organic chemistry. Name this German scientist.

**Answer:** Friedrich Wohler