

# Round Eight

OAC  
2024-2025

## Officials Checklist and reminders:

- 1.) Review this checklist and reminders document and the rules flow chart. \_\_\_\_\_
- 2.) Pencils and fresh scratch paper for each participant \_\_\_\_\_
- 3.) Timer instructions \_\_\_\_\_
- 4.) Identify the head coach for each team. \_\_\_\_\_
- 5.) Identify the team captain. \_\_\_\_\_
- 6.) Review the pumpnickel rule \_\_\_\_\_

Accept only the answer to the bonus question that comes from the captain.

The captain may defer to another team member to give the answer to the bonus question.

If you want them to indicate a deferral in a specific way – tell them at the beginning of the match. “If you are going to defer on a bonus question, please do so by ....”

**Coaches may use an ipad or tablet to keep score (I've sent out an excel score sheet) They may not use their ipad, phone or other technology to look up answers, send or received text messages or emails or to make calls during competition.**

Before you begin, remind students that on a toss-up question they must buzz-in and be recognized before giving the answer and that they may NOT confer on a toss-up. You may only confer on a bonus question.”

When you read a toss-up question – identify the subject, then read the question.

If the team member buzzes-in before the question is completed and the answer is incorrect, say ‘incorrect, I will finish the question’ then finish reading the question.

If you have finished reading the question when the first team buzzes-in and gives an incorrect response say ‘incorrect,’ look at the second team call them by team name and say ‘\_\_\_\_\_ I have finished the question’

If the time has expired, their response should be to immediately buzz-in to be recognized. If there is still time (5 seconds for a regular question 15 on a math computation) they have the remaining time to buzz.

If the toss-up question is not answered correctly by either team, give the correct answer. Do NOT read the bonus question, go on to the next toss-up. **If you need a replacement question for this subject,**

**you may use the unused bonus.**

The first time you read a bonus question for each team say ‘Here is your bonus question, you do not need to buzz-in. Remember you may confer on this question, and I will take the answer from the team captain.’

There is NOT a penalty for buzzing during a bonus question.

**When the time for conferring has expired** (10 seconds – 15 on math or science computation) **call for the answer.** Say, ‘Captain?’ or ‘answer please’ (or something similar). If they do not give you an immediate answer say ‘time’ and give the correct answer.

There is no limit to the number of team members a team substitutes.

On a toss-up question, do not give the correct response until you have given both teams an opportunity to answer the question.

Leading articles such as “the,” “an,” and “a” are not required (e.g., Tale of Two Cities is an acceptable answer for The Tale of Two Cities). However, if an article is given, it must be the correct one.

Plural/Singular answers are acceptable unless otherwise delineated.

Last names are acceptable, except where there is more than one common person in the same field.

Prompt for more information by saying – ‘more’ or ‘more specific’.

**Questions requiring additional computation time (15 seconds) have computation in the subject line - MATH COMPUTATION: or SCIENCE COMPUTATION: or BONUS COMPUTATION:** (If it needs it and we forgot it, add it!)

**Math or Science questions that do not require computation and receive regular question time (5 for toss-up and 10 for bonus) do not have computation in the subject line - MATH: or SCIENCE: or BONUS**

Explain the addition of the word Computation to the timer and the team at the beginning of the tournament. After the first question containing COMPUTATION: You may choose to say only Computation if you wish.

Give your stall count before the game starts. A stall count is the amount of time allowed for the student to begin their answer once you've called on them. "My stall count is \_ \_ \_." Fill in the blanks with your count. Do you count 1, 2, stall? 1, 2, 3, stall? Do you say stall on the upbeat of the 3rd second or the downbeat? My preference is you count 1(1001), 2(1002), 3(1003) with stall being called on the downbeat of 3. (Down beat being the end of the 1003 with 100stall. You do not have to say the 1000 or the second 1, 2 or 3 out loud. You do need to make some type of physical indication - head nod, hand count (like a basketball referee counting the backcourt) even a foot tap. But do something so the student can see the seconds slipping away. This also helps with consistency. Neither team can say the other team received more time before a stall was called. When an immediate answer is expected 1 second is adequate time to allow before a stall is called.

"Welcome to Round Eight of the tournament. I am \_\_\_\_\_, your moderator. (if you have a judge, timer and scorekeeper, introduce them as well) Our two teams are \_\_\_\_\_ and \_\_\_\_\_. Head coaches, will you please stand. A protest may be lodged only by the head coach." (run a buzzer check) "Students, remember, you may not give an answer until you are recognized. If you do so, it will be ruled as an incorrect response, even if your answer is correct. Explain the timing for Math or Science Computation: (see instructions) Good sportsmanship is expected from **all** players, substitutes, coaches, spectators and parents. Except for using the excel spreadsheet to keep score, you may not use computers, smart phones, iPad, etc. during the competition. Turn off all and put away all electronics at this time. Remember a player will be removed for the remainder of the game if any device is found at the table. (pause) Are there any questions? Let's begin."

- \_\_\_\_\_ 1. FINE ARTS: **This artist created an expressionist depiction of North America in his painting *Map*. Another work by this artist includes a star chart and an anatomical diagram of a \* knee and is called *Slice*.** Who is this American artist who painted several versions of the American flag?

ANSWER: (Jasper) Johns

BONUS BONUS: One of Johns's flag paintings is named for being entirely what color?

ANSWER: White

- \_\_\_\_\_ 2. SOCIAL STUDIES: **This man led the Control Faction of the Army after the Aizawa Incident. After a failed suicide attempt, this man was imprisoned at Sugamo before being executed after the \* Tokyo Trial.** Who is this man, the Prime Minister of Japan during World War II?

ANSWER: (Hideki) Tojo [accept names in either order, but Tojo is required]

BONUS BONUS: What admiral of the Japanese navy opposed the Tojo-endorsed plan for the Attack on Pearl Harbor?

ANSWER: (Isoroku) Yamamoto [accept names in either order but Yamamoto is required]

- \_\_\_\_\_ 3. SCIENCE **This type of chemical bond forms when atoms share electrons.\*** It is commonly found in molecules like water and carbon dioxide. What is this bond, which is distinct from ionic bonds?

ANSWER: Covalent bond

BONUS BONUS SCIENCE How many electrons are shared between the carbon atom and one of the two oxygen atoms in a carbon dioxide molecule?

ANSWER: four

- \_\_\_\_\_ 4. MATHEMATICS COMPUTATION: The volume of a cube is 125 cubic feet. How many square feet is the surface area of this cube?

ANSWER: **150** (ft<sup>2</sup>)

BONUS BONUS COMPUTATION: The surface area of a sphere is  $36\pi$  square centimeters. What is the volume of this sphere in cubic centimeters and in terms of Pi?

ANSWER:  **$36\pi$**  (cm<sup>3</sup>) (do not prompt on 36)

5. POP/CE: **It's the only movie studio to top two-billion-dollars in the 2024 domestic box office.\*** The tally includes three of the year's top-five grossing films. Name the studio that released *Deadpool and Wolverine*, *Inside Out 2*, and *Moana 2*.

ANSWER: Disney

BONUS BONUS: Disney released one other major film later in 2024. Name the *Lion King* spinoff.

ANSWER: Mufasa

6. FINE ARTS: **This artist depicted two people kissing with bags over their heads in *The Lovers*. This artist depicted several men falling from the sky in *Golconda* and a steam train exiting a \* fireplace in *Time Transfixed*.** Who is this Belgian surrealist, who painted several depictions of men wearing bowler hats including *Son of Man*?

ANSWER: (Rene) Magritte

BONUS BONUS: What painting by Magritte features a pipe with the words, "This is not a pipe," written underneath it?

ANSWER: The Treachery of Images

END OF FIRST QUARTER

*The score at the end of the first quarter is*  
Team one \_\_\_\_\_ Team two \_\_\_\_\_

*Are there any questions?*

(pause and look at the coaches if there are no protests proceed)

*"Coaches... you may substitute if you wish."*

7. SOCIAL STUDIES: **A group led by this man attempted to follow Sitting Bull on a political exile to Canada. This man led the Wallowa band during the \* Nez Perce War.** Who is this Native American leader who delivered the "I Will Fight No More Forever" speech?

ANSWER: Chief Joseph [also accept *Hin-mah-too-yah-lat-kekt*]

BONUS BONUS: During the war, the Nez Perce sought aid from Sitting Bull who had led the Lakota to Canada after what battle which resulted in the death of George Armstrong Custer?

ANSWER: (Battle of the) Little Bighorn

8. SCIENCE **This process is essential for the survival of plants and involves converting light energy into chemical energy\*** stored in glucose. It takes place in the chloroplasts and requires carbon dioxide, water, and sunlight. Name this process.

ANSWER: Photosynthesis

BONUS BONUS SCIENCE What is the name of the pigment that absorbs light for photosynthesis?

ANSWER: Chlorophyll

\_\_\_\_\_ 9. MATHEMATICS COMPUTATION: What is the 21<sup>st</sup> term of the arithmetic sequence starting with 5, 8, 11?

ANSWER: **65**

BONUS BONUS COMPUTATION: What is sum of the first 21 terms of this arithmetic series starting with 5 and ending with 65?

ANSWER: **735**

\_\_\_\_\_ 10. LITERATURE: **A famous one of these in Western literature is the Good Samaritan\*.** Another example is the Boy Who Cried Wolf. What is a short story used to illustrate a moral or spiritual lesson?

ANSWER: **parable**

BONUS BONUS: The fables of which famous Greek author are also considered parables?

ANSWER: **Aesop**

\_\_\_\_\_ 11. SOCIAL STUDIES: **The Third Supply was a mission to supply this colony during a famine in the winter of \* 1609** called the Starving Time. Tobacco was introduced to this colony by James Rolfe in 1610. What is this first British colony in America, based in Virginia, and led by John Smith?

ANSWER: **Jamestown**

BONUS BONUS: The Jamestown colony was aided by what Native American tribal confederation of Pocahontas?

ANSWER: **Powhatan** [prompt on Algonquian]

\_\_\_\_\_ 12. SCIENCE **This phylum includes creatures with jointed appendages, segmented bodies, and exoskeletons made of chitin.\*** Members of this group include insects and arachnids. What is this largest phylum in the animal kingdom?

ANSWER: Arthropoda (arthropods)

BONUS BONUS SCIENCE Name the specific class of arthropods that includes lobsters, crabs, and shrimp.

ANSWER: Crustacea (crustaceans)

END OF FIRST HALF

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

*Team one \_\_\_\_\_ Team two \_\_\_\_\_*

*Are there any questions?*

(pause and look at the coaches if there are no protests proceed)

*“Coaches... you may substitute if you wish.”*

- \_\_\_\_\_ 13. POP/CE: **He's under federal review for being a national security risk.\*** Federal agencies are investigating whether this entrepreneur broke any reporting protocols meant to protect state secrets. Name the man whose company is a major contractor for the Pentagon and NASA.

ANSWER: **Elon Musk**

BONUS BONUS: What is the name of Musk's space travel company?

ANSWER: **SpaceX**

- \_\_\_\_\_ 14. MATHEMATICS: What does the acronym GCF mean?

ANSWER: **Greatest Common Factor**

BONUS BONUS: What does the acronym LCM mean?

ANSWER: **Least Common Multiple**

- \_\_\_\_\_ 15. HUMANITIES: **In a novel set during this event, the Johansen family takes in Annemarie's friend Ellen. A graphic novel about this event depicts its perpetrators as cats and its victims as \* mice.** *Number the Stars* and *Maus* depict what event, in which the Nazis sent Jews and others to concentration camps?

ANSWER: **The Holocaust**

BONUS BONUS: What book by Elie Wiesel describes his personal experience during the Holocaust?

ANSWER: **Night**

- \_\_\_\_\_ 16. SOCIAL STUDIES: **High rates of domestic violence led to increased support of this policy. Frances Willard led a women's group that supported this policy. This policy was further advanced by \* Wayne Wheeler and enforced by the Volstead Act. The 18th amendment implemented what policy, which banned the sale and manufacture of alcohol?**

ANSWER: **Prohibition**

BONUS BONUS: What constitutional amendment overturned the 18th amendment and ended prohibition?

ANSWER: **21st**

- \_\_\_\_\_ 17. SCIENCE **This unit is defined as the force required to accelerate\*** one kilogram of mass by one meter per second squared. What is the unit of force in the International System of Units (SI)?

ANSWER: **Newton**

BONUS BONUS: Sir Isaac Newton was born on what day?

ANSWER: **Christmas Day** (December 25<sup>th</sup>)

\_\_\_\_\_ 18. MATHEMATICS: What is the base of a common logarithm?

ANSWER: **Ten**

BONUS BONUS: For what value is a common logarithm equal to a natural logarithm?

ANSWER: **One** [ln 1 = 0 ; log 1 = 0]

END OF THIRD QUARTER

*The score at the end of the third quarter is  
Team one \_\_\_\_\_ Team two \_\_\_\_\_*

*Are there any questions?*

(pause and look at the coaches if there are no protests proceed)

*“Coaches... you may substitute if you wish.”*

\_\_\_\_\_ 19. LITERATURE: **It’s the first novel by the British author Ian Fleming.\*** It paved the way for 11 future novels and two short story collections. Name the book that was first in the James Bond series.

ANSWER: Casino Royale

BONUS BONUS: Who is the head of the British Secret Service who assigns James Bond to play in a high-stakes baccarat game?

ANSWER: M

\_\_\_\_\_ 20. POP/CE: **It was the most downloaded free app\*** in Apple’s App Store in 2024. The shopping app was also the most downloaded in 2023. Name the Chinese shopping app.

ANSWER: Temu

BONUS BONUS: Temu took over the top spot from which app in 2022?

ANSWER: TikTok

\_\_\_\_\_ 21. SOCIAL STUDIES: **The house of Liu led this dynasty after being founded by Liu Bang. This dynasty survived the Yellow \* Turban Rebellion,** but was later overthrown by warlords leading to the Three Kingdoms period. What is this Chinese dynasty which shares its name with the country’s dominant ethnic group?

ANSWER: Han (Dynasty)

BONUS BONUS: The Three Kingdoms Period was solidified by Cao Cao’s defeat at what 208 Naval Battle?

ANSWER: (Battle of) Red Cliffs

- \_\_\_\_\_ 22. SCIENCE: **This phenomenon occurs when tectonic plates slide past each other,\*** often causing vibrations and shaking on the Earth's surface. It is measured by instruments called seismometers. What is this natural disaster?

ANSWER: Earthquake

- BONUS BONUS: What is the name of the point on the Earth's surface directly above the earthquake's origin?

ANSWER: Epicenter

- \_\_\_\_\_ 23. MATHEMATICS COMPUTATION: The Bugtussle Bike Race has the bikes going 15 miles west and then 20 miles north. How many miles from the starting point, in a straight line from start to finish, is the finish point?

ANSWER: **25** (miles)

- BONUS BONUS COMPUTATION: Fran starts the race, goes the first 15 miles, and then turns north. How many miles does she have to travel to be 17 miles from the starting point in a straight line from start to that point?

ANSWER: **8** (miles)

- \_\_\_\_\_ 24. HUMANITIES: **This thinker included the concept of Biopower in his *History of Sexuality* and argued that each era of history had certain rules of truth\*** and acceptable discourse in *The Order of Things*. Another work by this thinker traces the power of the state through the prison system. Who is this French thinker who wrote *Discipline and Punish*?

ANSWER: (Michel) **Foucault**

- BONUS BONUS: Foucault criticized Roland Barthes' argument in favor of the "Death of" what figure in literary analysis? Specific examples of this figure include Charles Dickens and Ernest Hemingway.

ANSWER: **Author** [prompt on similar answers like Writer or Novelist]

END OF GAME

***The score at the end of the game is***

***Team one*** \_\_\_\_\_

***Team two*** \_\_\_\_\_

If there is a tie allow for substitution before you ask the tie-breaker questions. Read all 5 to determine the winner.



**Tie Breakers**

SOCIAL STUDIES: What name is given to a 1905 massacre in front of the Winter Palace and to two different events in Irish history, the latter of which, in 1972, inspired a U2 song?

ANSWER: **Bloody Sunday**

HUMANITIES: Who is the Ancient Babylonian goddess of war and love who unleashes the Bull of Heaven in the *Epic of Gilgamesh*?

ANSWER: **Ishtar** [also accept Inanna]

MATHEMATICS COMPUTATION: Convert the binary number 1110011 [READ one one one zero zero one one] to an equivalent decimal number.

ANSWER: **115**

SCIENCE What type of blood cells are primarily responsible for carrying oxygen throughout the body?

Answer: Red blood cells (erythrocytes)

POP/CE: This actor won Best Performance by a Male Actor in a Motion Picture – Drama at the 82<sup>nd</sup> Golden Globe awards. He is also the youngest man to win an Oscar currently.

ANSWER: Adrien **Brody**

***Are there any questions?*** ( pause and look at the coaches if there are no protests proceed)  
***This ends the game. "***