

Froshmore Championships

Round Ten

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 pumpernickel 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 Ten 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: In 1936, this architect designed the Levy House in London. An earlier work by this architect was the building for an art school which this architect * founded in Dessau, Germany. Who is this architect, the founder of the Bauhaus?

ANSWER: (Walter) Gropius

BONUS BONUS: What architect, the last director of the Bauhaus, designed the Seagram Building?

ANSWER: (Ludwig) Mies van der Rohe

- _____ 2. SCIENCE: This layer of the Earth's atmosphere contains the ozone layer*, which protects life by absorbing harmful ultraviolet radiation. It lies above the troposphere and below the mesosphere. What is this atmospheric layer?

ANSWER: Stratosphere

BONUS BONUS: Name the atmospheric layer closest to the Earth's surface, where weather occurs.

ANSWER: Troposphere

- _____ 3. MATHEMATICS COMPUTATION: Find the Greatest Common Factor of 123 and 327.

ANSWER: 3

BONUS BONUS COMPUTATION: Find the Least Common Multiple of 105 and 140.

ANSWER: 420

- _____ 4. POP/CE: The oldest known tablet with these inscribed* sold for more than five-million-dollars at auction. The stone dates back around 1,500 years. Name the Biblical laws inscribed in Hebrew script on the tablet.

ANSWER: the Ten Commandments

BONUS BONUS: In which book of the Bible are the Ten Commandments first found?

ANSWER: Exodus

- _____ 5. SOCIAL STUDIES: The victims of the event which sparked this war survived because they landed in large piles of manure. The Second * Defenestration of Prague started this war which included the Battle of Breitenfeld, and saw a Swedish Intervention led by Gustavus Adolphus. What is this religious war which lasted from 1618 to 1648?

ANSWER: Thirty Years' (War)

BONUS BONUS: What collection of two treaties ended the Thirty Years War?

ANSWER: (Peace of) Westphalia

- _____ 6. HUMANITIES: Wilson Rawls' novel *Where the Red Fern Grows* is set in this state. This state is the setting of *That Was Then, This Is Now*, which is also the setting for another work by that author including the character * Pony Boy. What is this US state, the setting of S.E Hinton's novel *The Outsiders*?

ANSWER: Oklahoma

- BONUS BONUS: In what novel by John Steinbeck does the Joad Family leave Oklahoma during the Dust Bowl to move to California?

ANSWER: The Grapes of Wrath

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. SCIENCE This term refers to a substance that speeds up a chemical reaction without being consumed in the process.* Enzymes act as biological examples of these substances. What is this term?

ANSWER: Catalyst

- BONUS BONUS: What is the name of the energy barrier that a catalyst lowers to speed up a reaction?

ANSWER: Activation energy

- _____ 8. MATHEMATICS COMPUTATION: What is the Roman Numeral for 1989?

ANSWER: **MCMXXXIX**

- BONUS BONUS COMPUTATION: What is the sum of these two Roman Numerals? CLXXXV + CCCXLVIII. Give your answer as a Roman Numeral.

ANSWER: **DXXXIII** [CLXXXV = 185; CCCXLVIII = 348; 185 + 348 = 533 = DXXXIII]

- _____ 9. SOCIAL STUDIES: The Bunong are the largest of this country's "Upper" hill tribes. A prison called Strichnyne Hill was used during a * Genocide led by this country's dictator Pol Pot. The Khmer Rouge led what country governed from Phnom Penh?

ANSWER: Cambodia

- BONUS BONUS: What term is given to the mass-murder sites operated by the Khmer Rouge during the Cambodian Genocide?

ANSWER: Killing Fields

- ____ 10. LITERATURE: This movement aimed to shock its audience* out of complacency. It originated in Europe after World War II. Name the dramatic movement and style of theater that emphasized the absurdity of the human condition.

ANSWER: **Theatre of the Absurd**

- BONUS BONUS: Which playwright from the Theatre of the Absurd movement wrote *Waiting for Godot*?

ANSWER: **Samuel Beckett**

- ____ 11. SCIENCE This term refers to the study of insects and their life cycles to determine the time of death in criminal investigations.* For example, certain fly species are among the first to colonize a corpse. What is this branch of forensic science called?

ANSWER: Forensic entomology

- BONUS BONUS: Forensic entomologists often study the life cycle of flies. Name the four main stages of a fly's life cycle in order.

ANSWER: Egg, larva, pupa, adult

- ____ 12. POP/CE: Fortnite released a skin and bundle based on this popular internet* series. The kit came with the character Plungerman. Name the YouTube series that features an animated male face popping out of a toilet.

ANSWER: **Skibidi Toilet**

- BONUS BONUS: The Skibidi Toilet kit was priced at 2,200 units of Fortnite currency. What is the currency called?

ANSWER: **V-bucks**

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. MATHEMATICS COMPUTATION: The area of a square is 50 square inches. How long, in inches, is the diagonal of the square?

ANSWER: **10** (inches)

- BONUS BONUS COMPUTATION: The area of an equilateral triangle is $25\sqrt{3}$ (twenty five radical three) square inches. What is the perimeter of this triangle in inches?

ANSWER: **30** (inches)

- _____ 14. SOCIAL STUDIES: Josef Stalin's daughter fled the Soviet Union by appealing to the American ambassador to this country. The first prime minister of this country delivered the "Tryst with destiny" speech and another prime minister was assassinated by her * Sikh bodyguards. Indira Gandhi was a prime minister of what South Asian country?

ANSWER: (Republic of) India

- BONUS BONUS: What first prime minister of India, and father of Indira Gandhi, delivered the "Tryst with destiny" speech?

ANSWER: (Jawaharlal) Nehru

- _____ 15. FINE ARTS: This author of *On The Spiritual in Art* released a series of works called *Improvisations* and * *Compositions*. Another work by this artist named an art movement which this artist cofounded alongside Franz Marc. Who was this expressionist artist of *The Blue Rider*?

ANSWER: (Wassily) Kandinsky

- BONUS BONUS: Blue Rider co-founder Franz Marc painted an abstract depiction of what animals, which sold at auction in 2022 for around \$50 million?

ANSWER: Foxes [The painting is called *The Foxes* or *Die Füchse* in German]

- _____ 16. SCIENCE This term describes a group of organisms that can interbreed* and produce fertile offspring. Examples include Homo sapiens and Canis lupus. What is this biological classification?

ANSWER: Species

- BONUS BONUS: What is the two-part naming system used to identify the species called?

ANSWER: Binomial nomenclature

- _____ 17. MATHEMATICS: If two angles of a triangle are 23 degrees and 80 degrees, what two words classify this triangle?

ANSWER: **Acute and Scalene.**

- BONUS BONUS: A polygon has nine congruent sides, and all angles are also congruent. What two words classify this polygon?

ANSWER: **Regular Nonagon**

- _____ 18. SOCIAL STUDIES: The Dirty Protests were made famous during this conflict which was sparked by the Bogside Riot in 1969. Bobby Sands died of starvation in the H-Block during this conflict which saw bombing actions by the * IRA. What is this religious and nationalist conflict that occurred from the 1960s to the 1990s in Northern Ireland?

ANSWER: The Troubles

- BONUS BONUS: The Troubles were ended by what Agreement signed in Belfast?

ANSWER: Good Friday (Agreement) [prompt on Belfast Agreement]

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. POP/CE: While it's been a symbol of the nation since its early days,* it only became the national bird in late 2024. The Continental Congress installed this bird on the front of the Great Seal in 1782. Name the bird that is now the national bird.

ANSWER: **bald eagle**

BONUS BONUS: What is the national mammal of the United States?

ANSWER: **bison**

- _____ 20. LITERATURE: They help prolong the mystery and suspense at the heart of a story.* They are tricks used by storytellers to keep the reader guessing about what's really going on. What is a misleading clue called?

ANSWER: **red herring**

BONUS BONUS: This literary device can introduce a red herring. What is the term for all the various techniques that an author can use to give readers a hint about what's coming?

ANSWER: **foreshadowing**

- _____ 21. SCIENCE This plant tissue is responsible for transporting water and dissolved minerals from the roots to the rest of the plant.* It consists of structures such as tracheids and vessel elements. What is this vascular tissue found in plants?

ANSWER: **Xylem**

BONUS BONUS: Name the other primary vascular tissue in plants that transports sugars and other organic compounds and identify the specific structure within it that facilitates this transport.

ANSWER: **Phloem**

- _____ 22. MATHEMATICS COMPUTATION: Factor this polynomial: $x^2 - 12x - 85$ [X squared minus 12X minus 85]

ANSWER: **(x - 17)(x + 5) OR (x + 5)(x - 17)**

BONUS BONUS COMPUTATION: Completely factor this polynomial: $x^3 + 343$.
[X cubed plus 343]

ANSWER: **(x + 7)(x^2 - 7x + 49)**

- _____ 23. SOCIAL STUDIES: Only one cabinet member kept his job in this president's administration as the result of a scandal involving Peggy Eaton's past as a barmaid. The * Petticoat Affair occurred during this man's presidency, which also saw the Nullification Crisis. Who is this 8th US president who founded the Democratic Party?

ANSWER: (Andrew) **Jackson**

- BONUS BONUS: Jackson was defeated in the 1824 presidential election by what Massachusetts politician as a result of the "Corrupt Bargain?"

ANSWER: (John) **Quincy Adams** [also accept JQA or John Q Adams; do NOT accept or prompt on John Adams; PROMPT on "Adams"]

- _____ 24. HUMANITIES: "I look at the world" is a poem from this literary movement. "If We Must Die" is a work in this movement by * Claude McKay, which also featured the poem "I, Too." Langston Hughes was a figure in what African-American literary movement?

ANSWER: **Harlem Renaissance**

- BONUS BONUS: A line in Hughes's poem "Harlem" became the title of what play by Lorraine Hansberry?

ANSWER: **A Raisin in the Sun**

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

SCIENCE What is the term for molten rock beneath the Earth's surface?

ANSWER: **Magma**

MATHEMATICS COMPUTATION: Put in simplest radical form: $\sqrt{288}$. [READ square root of 288]

ANSWER: **$12\sqrt{2}$** [Twelve (times the) square root of two OR Twelve radical two]

POP/CE: This artist won Best New Artist at the 67th Grammy Awards on February 2nd. Name the artist known for Pink Pony Club.

ANSWER: **Chappell Roan** (Kayleigh Rose Amstutz)

LITERATURE: What is the term that describes when a story or plotline ends suddenly, or a large plot twist occurs and is left unresolved?

ANSWER: **cliffhanger**

SOCIAL STUDIES: Benjamin Rush and Joseph Warren worked in what profession whose first certified female practitioner in America was Elizabeth Blackwell?

ANSWER: **Doctor** [accept answers like Physician or Medical Practitioner, but do NOT accept Nurse]

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