

## **2013 Fall Kickoff Tournament – Round 8**

1. Prior to moving to Texas, Sam Houston represented this state in Congress and served as its governor. The unequal populations of its House districts led to the principle of “one man, one vote” arising from the Supreme Court decision *Baker v. Carr*. Its senators have included Estes Kefauver, John Bell, and the most recent presidential candidate to win the popular vote but not the Electoral College. The Battle of Lookout Mountain and the assassination of Martin Luther King, Jr., both took place in, for 10 points, what U.S. state, the political home of James K. Polk, Andrew Johnson, and Al Gore?

ANSWER: **Tennessee**

BONUS: Orpheus, Heracles, and Aeneas were some of the very few who were able to slip past it. For 10 points each:

[10] Name this mythological three-headed dog, who guarded the entrance to Hades to prevent anyone from escaping.

ANSWER: **Cerberus**

[10] Whenever this mythological monster lost one of its heads, two would grow back in its place; luckily for Heracles, only the center head was immortal.

ANSWER: **Hydra**

[10] While riding Pegasus, Bellerophon was able to slay this multi-headed beast, which had heads of a snake, goat, and lion.

ANSWER: **Chimera**

2. In this work, the title character successfully defends himself from accusations of using magic to secretly marry the daughter of a senator named Brabantio. When the villain’s scheme is exposed and an explanation is demanded, he refuses, saying “what you know, you know: From this time forth I never will speak word.” Earlier, that villain had advised his superior officer to beware of “the green-eyed monster” that is jealousy. A handkerchief planted in Cassio’s room by Iago convinces the title character that his wife Desdemona has been unfaithful in, for 10 points, what Shakespeare play about a Moor of Venice?

ANSWER: *The Tragedy of **Othello**, the Moor of Venice*

BONUS: "If nominated I will not run; if elected I will not serve." For 10 points each:

[10] Those words were spoken by this Ohioan, in reaction to suggestions that he should be the Republican nominee for president in 1884. He may be more notable for leading the March to the Sea after burning Atlanta.

ANSWER: William Tecumseh **Sherman**

[10] The man who did get the Republican nomination in 1884, James G. Blaine, was defeated by this Democrat from New York, who then served the first of his two non-consecutive terms.

ANSWER: Grover **Cleveland**

[10] Financial scandals in Blaine’s past caused many Republican Party members to support Cleveland; they were given this derisive nickname, from an Algonquin word meaning “chief.”

ANSWER: **Mugwumps**

3. Robert Barclay's work *An Apology For the True Christian Divinity* was the first complete written explanation of this religious movement's doctrine of the "inner light." Theological disputes led to schisms in America, creating Hicksite and Wilburite groups. Its services are called either programmed or unprogrammed worship and are held in places called meeting houses. This pacifist branch of Christianity originated in the 1640s from the teaching of George Fox. For 10 points, name this religious denomination of which the founder of Philadelphia, William Penn, was a member.

ANSWER: **Quakers** [accept **Society of Friends**; prompt on "Friends"]

BONUS: "Once upon a time there was a Martian named Valentine Michael Smith." For 10 points each:

[10] That is the opening line of what 1961 science fiction novel?

ANSWER: **Stranger in a Strange Land**

[10] *Stranger in a Strange Land* was written by this American author, whose other works include *The Moon is a Harsh Mistress* and *Starship Troopers*.

ANSWER: Robert **Heinlein**

[10] Heinlein got the title *Stranger in a Strange Land* from the King James version of the *Bible*; specifically, Chapter 2, verse 22 of this book, the second in the Old Testament.

ANSWER: **Exodus**

4. A group of astronomers called the Celestial Police studied this entity intensely in the 1800s. The NASA spacecraft DAWN that was launched in 2007 was sent to study this entity, and orbital resonance with a nearby body is the cause of the Kirkwood gaps in it. Motivated by the now-discredited Titius-Bode Law, Giuseppe Piazzi found what is now the only dwarf planet that is not a trans-Neptunian object in this region. The three largest objects located here are named Pallas, Vesta, and Ceres. For 10 points, identify this region of the solar system, roughly between the orbits of Mars and Jupiter.

ANSWER: **Asteroid Belt**

BONUS: Modern examples of this art form include *Hydrogen Jukebox* and *Help! Help! The Globolinks!* For 10 points each:

[10] Identify this type of musical work, of which the oldest surviving example is *L'Orfeo*, composed by Claudio Monteverdi in 1607.

ANSWER: **Opera**

[10] From the Italian for 'air,' this is the term for a solo vocal performance in an opera, such as "Habanera" from the opera *Carmen*.

ANSWER: **Aria**

[10] The villains in many classical operas, such as Lord Enrico in *Lucia di Lammermoor* and Baron Scarpia in *Tosca*, sing in this vocal range.

ANSWER: **Baritone**

5. In an 1849 essay, Scottish historian Thomas Carlyle dubbed this field of study “the dismal science.” The use of the Latin phrase “ceteris paribus,” or “all else held constant” was popularized by Alfred Marshall for performing analysis in this field. Okun’s Law, Say’s Law, and Gresham’s Law are used in this field. In 1969, it was added as the sixth category of annual Nobel Prizes, whose recipient in 2008 was Paul Krugman. For 10 points, identify this field of study, which includes the concepts of opportunity cost, marginal utility, and supply and demand.

ANSWER: **Economics**

BONUS: Euclid’s second postulate states that one of these entities can be extended infinitely in either direction. For 10 points each:

[10] Identify this geometric construct that is usually the shortest distance between two points.

ANSWER: Straight **line**

[10] This is the general term for any straight line that connects two non-adjacent vertices of a convex polygon.

ANSWER: **Diagonal**

[10] This is the term for a line connecting the center of a regular polygon with the midpoint of one of its sides; half of its length multiplied by the perimeter of the polygon equals the area of the polygon.

ANSWER: **Apothem**

6. According to the co-writer and performer of this song, it was inspired by an argument arising from trying to light a cigarette with a water-logged lighter. A live version of this song performed at the Royal Albert Hall received a Grammy Award for Best Pop Solo Performance in 2013. The singer states “Even now when we're already over,/ I can't help myself from looking for you” and in the chorus “Well, it burned while I cried,/ 'Cause I heard it screaming out your name.” For 10 points, name this number-one hit by Adele, which ends with the repeated line “Let it burn.”

ANSWER: “**Set Fire To The Rain**”

BONUS: Answer the following questions about works of literature that retell previous stories from the point of view of a different character, for 10 points each.

[10] This 1995 novel by Gregory Maguire tells the story of Elphaba, a resident of Oz who will one day be killed by Dorothy Gale.

ANSWER: **Wicked**: *The Life and Times of the Wicked Witch of the West*

[10] The 1971 John Gardner novel *Grendel* is the retelling of this epic Anglo-Saxon poem from the point of view of the monster.

ANSWER: **Beowulf**

[10] *The Penelopiad* is a 2005 novella by this writer, in which she retells some of the events in *The Odyssey* from the point of view of Odysseus’ wife.

ANSWER: Margaret **Atwood**

7. In the human body, the movement of this structure is governed by six muscles, which include the medial rectus and the superior oblique; when these muscles do not work together properly, the result is a condition known as strabismus. This organ is covered by three layers of tissue; the middle vascular layer is called the choroid and lies just underneath the sclera. Much of the volume of this organ is filled with a watery fluid known as the aqueous humor. For 10 points, identify this organ, in which a pigmented membrane called the iris allows light to enter through an opening called the pupil.

ANSWER: **Eye**

BONUS: This incendiary device was mockingly named after the foreign minister of the Soviet Union from 1939 to 1949. For 10 points each:

[10] Identify this type of improvised bomb.

ANSWER: **Molotov cocktail** [prompt on partial answer]

[10] The term “Molotov cocktail” originated in this nation, with which the USSR fought the Winter War from 1939 to 1940.

ANSWER: **Finland**

[10] The invasion of Finland in November 1939 caused the USSR to be expelled from this international organization, which dissolved in 1946.

ANSWER: **League of Nations** [do not accept “United Nations”]

8. The creator of this artwork gave no instructions on how it was to be displayed; its current museum decided to use chronological order by when each of its subjects was introduced. It consists of thirty-two separate panels, mostly red on top, and mostly white on the bottom. In describing this work, the artist said “I used to have the same lunch every day, for twenty years, I guess, the same thing over and over again.” For 10 points, identify this series of silkscreens by Andy Warhol depicting the containers of a certain food company’s products that comes in varieties such as cream of mushroom and tomato.

ANSWER: **Campbell’s Soup Cans** [prompt on partial answer]

BONUS: The two municipalities at the highest elevation in the United States having both permanent inhabitants and incorporated area are the towns of Alma and Leadville. For 10 points each:

[10] Alma and Leadville are both located at over ten thousand feet in this U.S. state.

ANSWER: **Colorado**

[10] The U.S. Air Force Academy is located in this Colorado city, just south of Pike’s Peak.

ANSWER: **Colorado Springs**

[10] Colorado is nicknamed The Centennial State because it was admitted to the Union on August 1 of this year.

ANSWER: **1876**

9. One fictional character with this first name is engaged to Cecil Vyse but marries George Emerson instead. Another character with this name is engaged to Arthur Holmwood, who saves her soul by driving a stake through her heart. In addition to Misses Honeychurch and Westenra, this name identifies a group of poems that include “Strange fits of passion have I known,” and in another work it is the name of the youngest of the Pevensie children. For 10 points, identify this given name, the subject of five Wordsworth poems and the sister of Peter, Edmund, and Susan in *The Chronicles of Narnia*.

ANSWER: Lucy [or Lucille]

BONUS: Practitioners of this art form include George Balanchine, Michel Fokine, and Agnes De Mille. For 10 points each:

[10] Identify this art of arranging dance movements, which comes from the Greek words for “dance writing.”

ANSWER: Choreography

[10] Agnes de Mille was hired by Rodgers and Hammerstein to provide the choreography for this Broadway musical that includes the song “Oh What a Beautiful Morning’;” Act One ends with a sequence known as “The Dream Ballet.”

ANSWER: Oklahoma!

[10] “The Dream Ballet” in *Oklahoma!* is also known as “Laurey Makes Up Her Mind.” In it, Laurey wrestles with her subconscious feelings about two men. Name either one.

ANSWER: Curly McLain or Jud Fry [accept either first or last name for either]

10. The reign of a king with this name saw the only assassination of a prime minister in British history. Another king with this name personally led troops on the field at the Battle of Dettingen, the last English king to ever do so. Another king with this name went against the advice of his ministers and refused to grant asylum to the czar of Russia, even though they were cousins. Porphyria is the suspected cause of the erratic behavior of another. For 10 points, identify this name shared by the kings of England during World Wars I and II, as well as during the American Revolution.

ANSWER: George

BONUS: In an electric circuit, this property can be calculated by multiplying the electric potential in volts by the current in amperes. For 10 points each:

[10] Identify this physical quantity, the rate at which work is performed.

ANSWER: Power

[10] This is the SI unit of power, defined as one joule per second.

ANSWER: Watts

[10] To promote the ability of his steam engine, James Watt invented this other unit, defined as the amount of power needed to lift thirty-three thousand pounds to a height of one foot in one minute. One of these units is equivalent to 745.7 watts.

ANSWER: Horsepower

**HALFTIME – Announce the score and allow teams to substitute**

11. In one term appearing in the general form of the Navier-Stokes equation, the gradient of pressure is divided by this other physical property. The two elements of the periodic table with the highest value of this property are iridium and osmium, and this property is lower in ice than in liquid water. In equations, it is represented by the lowercase Greek letter rho, and for a given substance, the ratio of this property to that of water is called specific gravity. For 10 points, identify this physical property, defined as the mass of an object divided by its volume.

ANSWER: **Density** [prompt on “rho” before mentioned]

BONUS: Professional athlete Walter Hagen once said “No one remembers who came in second.” For 10 points each:

[10] From 1991 to 1994, this NFL team repeatedly came in second by losing four straight Super Bowls.

ANSWER: **Buffalo Bills** [accept either underlined part]

[10] In the Olympics, athletes who finish second overall in an event receive a medal made of, or at least plated with, this element.

ANSWER: **Silver**

[10] Although Hall-of-Famer Walter Hagen last won a title in 1936, he still ranks in the top ten all-time in total championships won in this sport. Jason Dufner won the most recent major championship in this sport.

ANSWER: **Golf**

12. In Incan mythology, Mama Quilla [MAH-mah kwih-LAY] was the goddess of this object. In Japanese myth, the god of this object was Tsukuyomi [tsoo-KEE-YO-me], the brother of Amaterasu. Mani, its personification in Norse myth, will be consumed by wolves at Ragnarok. In Greek myth, the goddess of this object bore fifty daughters after falling in love with the handsome shepherd Endymion. For 10 points, name this domain of the Greek goddess Selene, whose Roman counterpart was Luna.

ANSWER: Earth's **Moon**

BONUS: Name some British Imperial territories for 10 points each.

[10] This territory's inhabitants are descended from the mutineers on the HMS Bounty, and it is one of the UK's smallest overseas possessions.

ANSWER: **Pitcairn** Islands

[10] This colony was given self-determination in 1947 thanks to the work of leaders like Jawaharlal Nehru. Queen Victoria was the first Empress of this place.

ANSWER: **India**

[10] The Free Officers Movement helped this territory claim independence. This territory was the staging area for British army movements in North Africa during WWII, as it holds the vital Suez Canal.

ANSWER: **Egypt**

13. Chapter Eleven of this work reads, in its entirety, “—and it really WAS a kitten after all.” One character in this work offers jam every other day – “jam yesterday and jam tomorrow, but never jam today,” while another declares “Here...it takes all the running you can do, to remain in the same place.” In the opening chapter, the protagonist discovers a poem but cannot read it until she holds it up to a mirror. That poem, which advises to “shun the frumious Bandersnatch” is titled “Jabberwocky.” For 10 points, name this Lewis Carroll book, the sequel to *Alice’s Adventures in Wonderland*.

ANSWER: **Through the Looking-Glass, and What Alice Found There**

BONUS: Animals that can be described with this adjective include squirrels, horses, pelicans, and humans. For 10 points each:

[10] What pattern of behavior describes animals classified as diurnal [die-URN-ull]?

ANSWER: **Awake** during the **day** [accept “sleep at night” or other equivalent answers]

[10] This term describes animals that are generally awake and active at night, such as bats, moths, owls, and opossums.

ANSWER: **Nocturnal**

[10] From the Latin word for “twilight,” this term refers to animals that are active primarily at dawn and dusk.

ANSWER: **Crepuscular**

14. This type of event killed both the first man to travel into outer space and the only Secretary General of the United Nations to die in office. In 2010, the president of Poland and dozens of other high-ranking officials died in one of these events. In the 1990s, U.S. Secretary of Commerce Ron Brown and John F. Kennedy, Jr., both died in this type of event. For 10 points, identify this type of incident which killed Yuri Gagarin, Dag Hammarskjöld, Ritchie Valens, Will Rogers, and presumably, Amelia Earhart.

ANSWER: **plane crashes** [accept equivalents]

BONUS: If the subject of one of these poems is not nature, it is called a senryu instead. For 10 points each:

[10] Identify this verse form, originating in Japan.

ANSWER: **Haiku**

[10] A traditional haiku contains three lines and has this many total syllables.

ANSWER: **Seventeen**

[10] One of the masters of the Japanese haiku form was this seventeenth century poet, whose work includes the collection *The Narrow Road to the Deep North*.

ANSWER: **Basho**

15. The highest peak in this region is Mount Snowdon, and the westernmost point on its mainland lies on the St. David's Peninsula. Cities here include Wrexham, Neath, and Swansea, and a small portion of its eastern border is formed by the Wye River. Bodies of water bordering this region include Cardigan Bay to the west, the Bristol Channel to the south, and the Irish Sea to the north. The Cambrian mountain range dominates, for 10 points, what member country of the United Kingdom with capital at Cardiff?

ANSWER: Wales [do not accept or prompt on "United Kingdom," "UK," "Great Britain," or "England" at any point]

BONUS: He depicted two sailors using sextants in his work *Eight Bells*. For 10 points each:

[10] Name this 19th-century American artist of *After the Hurricane* and *Breezing Up*.

ANSWER: Winslow Homer

[10] A lone man lies on the deck of a sailboat with a broken mast, observing a number of circling sharks in this Homer work.

ANSWER: *The Gulf Stream*

[10] A red brick one-room schoolhouse appears in the background of this Homer painting, in which eight boys hold hands as they play the title game.

ANSWER: *Snap the Whip*

16. One character in this musical sings "The things I write are only light extemporanea/ I won't put politics on paper; it's a mania/ So I refuse to use the pen in Pennsylvania." Another character declares "one useless man is called a disgrace, two are called a law firm, and three or more become a Congress!" That character is the subject of the song "Sit Down, John;" other songs include "Molasses to Rum" and "But Mr. Adams." For 10 points, identify this 1969 Best Musical Tony Award-winner with a numerical title in which the Second Continental Congress debates whether to declare independence.

ANSWER: 1776

BONUS:: Changes in this physical property include freezing, melting, and boiling. For 10 points each:

[10] Identify this property, examples of which are solid and liquid.

ANSWER: Phase of matter [or state of matter]

[10] This is the term for the phase change in which a solid becomes a gas, without going through the liquid phase.

ANSWER: Sublimation [accept word forms]

[10] This term refers to the relative ease with which a given liquid will evaporate into a gas.

ANSWER: Volatility [accept word forms]



17. One of the major results of this decision was the repealing of clause 13 in the Judiciary Act of 1789, which stated that the court's jurisdiction could cover issues outside the Constitution. This case was originally filed because a "midnight judge" appointment that was issued had not been delivered in time so that its recipient could take his place on the federal court system. This commission was not delivered by the Secretary of State under the new president Thomas Jefferson. For 10 points, name this 1803 Supreme Court case in which Chief Justice John Marshall stated that he could not give the petitioner his place on the court and where he expounded the concept of judicial review.

ANSWER: Marbury v. Madison [only need one; accept in either order]

BONUS: Whether monotheistic or not, many religions in the world believe in one chief god. For 10 points each:  
[10] Bondye is the unknowable and unreachable creator god in this religion, whose adherents instead worship lesser spirits called loa. This religion is often associated with namesake dolls.

ANSWER: Voodoo [or Vodun]

[10] This religion has a single god, named Jah. Its members believe that the emperor of Ethiopia from 1930 to 1974, Haile Selassie, was an earthly incarnation of him.

ANSWER: Rastafarianism (accept various word endings)

[10] From the Arabic words for "the God," this is the omnipotent supreme god of Islam.

ANSWER: Allah

18. In the 1830s, this chemist discovered that hydrated iron oxide could serve as an antidote for arsenic poisoning. During a trip to Iceland, he proposed a theory on the mechanics of how geysers function. Along with Gustav Kirchhoff, this man invented the spectroscope and used it to discover the elements cesium and rubidium. For 10 points, identify this German chemist who did not invent, but did popularize, a laboratory heating device known as his namesake burner.

ANSWER: Robert Bunsen

BONUS: In one of his poems, he laments that his sins "pass the Jews' impiety," and in another, he asks "when he hath the kernel eat, / Who doth not fling away the shell?" For 10 points each:

[10] Identify this English poet who authored *A Valediction Forbidding Mourning* and 19 Holy Sonnets.

ANSWER: John Donne

[10] This Donne poem details how the title animal "sucked me first, and now sucks thee" so that "two bloods mingled be."

ANSWER: "The Flea"

[10] John Donne belonged to this group of poets characterized by their use of abstract imagery and conceits. Other members included George Herbert and Andrew Marvell.

ANSWER: Metaphysical poets

19. In one story by this author, an army officer wipes out two enemy divisions by accidentally starting a stampede of twenty-three hundred mules. In another story, a maker of medicinal ointments discovers the quality of his product improves when his son changes the main ingredient from stray dogs to unwanted children. In addition to “Jupiter Doke, Brigadier-General” and “Oil of Dog,” this writer described ‘peace’ as “a period of cheating between two periods of fighting” in a compilation titled *The Devil’s Dictionary*. For 10 points, name this author who wrote of Peyton Farquhar mistakenly thinking he escaped his own execution in “An Occurrence at Owl Creek Bridge.”

ANSWER: Ambrose Bierce

BONUS: Its subtitle is *The Matter, Form, and Power of a Common-Wealth Ecclesiastical and Civil*. For 10 points each:

[10] Identify this 1651 work of political philosophy, which warns that a society which lacks a strong central ruler would be in a “war of all against all.”

ANSWER: Leviathan

[10] *Leviathan* was written by this English political theorist, who spent eleven years in self-imposed exile in France out of fear that he would be arrested for his writings.

ANSWER: Thomas Hobbes

[10] In *Leviathan*, Hobbes argues there are three types of sovereign authority: monarchy, democracy, and this, defined as government by a small number of citizens – either as a hereditary nobility or a privileged upper class.

ANSWER: Aristocracy [accept word forms]

20. This object was derided as “a nihilistic slab” when its design was released to the public, and outrage over its color, among other issues, led to a compromise in which a flagpole and a bronze statue by Frederick Hart were added to its layout. An open competition for its design was won by a twenty-one-year-old Yale architecture student, and it comprises two seventy-five meter-long walls made of black gabbro. Maya Lin is the architect of, for 10 points, what monument in Washington, D.C. on which the names of over fifty-eight thousand U.S. soldiers are engraved?

ANSWER: Vietnam Veteran’s Memorial [or Vietnam Wall; accept anything involving Vietnam]

BONUS: In May 1869, a golden spike was driven into the ground during a ceremony that gave the U.S. a coast-to-coast railroad system. For 10 points each:

[10] The ceremony was held at Promontory Summit, located in the territory that would become this U.S. state.

ANSWER: Utah

[10] The two railroads whose tracks were joined at Promontory were the Central Pacific, which ran from Sacramento to Utah, and this other railroad, which now connected Utah to Omaha, Nebraska.

ANSWER: Union Pacific [prompt on partial answer]

[10] At the ceremony, the Golden Spike was driven into the ground by this man, who at the time was president of the Central Pacific Railroad. Today, the spike is on display at the university he endowed.

ANSWER: Leland Stanford

**END OF MATCH – Announce final score and do not read tiebreaker tossup(s) unless the score is tied**

**Tiebreaker Tossups** – If the match is tied, read one tossup at a time until the score changes (correct answer or neg).

21. For any integer  $N$ , the sum of all numbers having this property from 1 to  $N$  must be a perfect square.

It has been proven that for all numbers less than ten to the three hundredth power, there are no perfect numbers with this property. The tangent and sine functions both have this property, which applies to any function for which  $f$  of  $x$  plus  $f$  of negative  $x$  equals zero, and is therefore symmetric about the origin. Every binary number with this property must end in 1, and all prime numbers but the smallest have this property. For 10 points, identify this class of numbers, which leave a remainder when divided by two.

ANSWER: **odd** numbers

22. In this work, after getting a boiling-hot potato shoved down his back, having to listen to a barrage of questions such as “Why are oranges round?” and “How many does it take to make twelve?,” and surviving an attempted scalping, Bill declares that his favorite character in the Bible is King Herod. The original plan was to squeeze Ebenezer Dorset for two thousand dollars, but Bill and Sam reduce the demand to fifteen hundred dollars, only to be told that the redheaded brat’s father will take him back from the kidnappers for a fee of just two hundred fifty dollars. The two criminals gladly pay up and leave town in what short story by O. Henry?

ANSWER: “The **Ransom of Red Chief**”