

## Playoff Round 2

### Tossups

(Tossup 1) This poet described “women under the gas lamps luring the farm boys in a poem that claims, “Yes, it is true / I have seen the gunman kill and go free to kill again.” This poet established his reputation with the collections *Cornhuskers* and *Smoke and Steel*, and addressed a city as the “Hog Butcher for the World” and the “City of the Big Shoulders.” For the point, name this American poet of “Chicago.”

ANSWER: Carl **Sandburg** (accept Carl August **Sandburg**)

(Tossup 2) This function has rising and falling variants, which gives a lowest number to multiply by. The earliest recorded usage of this function is in 12th century India, being used to count permutations, which is still its most common use. Somewhat counterintuitively, this non-exponent function of both 1 and 0 is 1. 720 is for the point, this function of 6, found by multiplying a number by each integer before it.

ANSWER: **factorial**

(Tossup 3) The presence of glucocorticoid receptors makes this structure susceptible to a reversible shrinkage in Cushing’s Syndrome. This structure contains the dentate gyrus, where rapid neurogenesis can occur. Lesions to this structure can result in anterograde amnesia. For the point, name this region of the brain where memories are formed, named for resembling a seahorse.

ANSWER: **hippocampus** (prompt on “brain”)

(Tossup 4) This ruler was officially succeeded by Asfaw Wossen, a man who never actually assumed the throne. The disastrous Wollo Famine led to riots that eventually led to this ruler being overthrown by the Derg. During a 1936 meeting of the League of Nations, this last ruler of the Solomonic dynasty objected to Italy’s invasion of his country. For the point, name this final emperor of Ethiopia.

ANSWER: **Haile Selassie** I (accept Lij or Ras Tafari **Makonnen**)

(Tossup 5) This company was added to the S&P 500 in December 2020, 6 months after becoming the largest auto manufacturer by market value. In 2010, this was the first American motor company to go public since Ford in 1956. A false tweet claiming this company’s stock was bought out for \$420 led to fraud charges against the CEO of, for the point, what electric car company named for a Serbian inventor?

ANSWER: **Tesla**

(Tossup 6) One of these objects is often pictured on the chest of a god who battled Cipactli, the “Earth Monster.” One of these objects was used to lure Amaterasu out of her cave. A god represented by a jaguar traded his foot for one of these objects made of obsidian, and opposed the god Quetzalcoatl. For the point, the Aztec god Tezcatlipoca is depicted as a “smoking” one of what highly reflective object?

ANSWER: **mirrors** (accept **smoking mirrors**)

(Tossup 7) In a book titled *Why (these animals) Don't Get Ulcers*, Robert M. Sapolsky argued that most animals only experience episodic stress. Efforts to domesticate the Burchell's subspecies of these animals have failed due to their tendency to panic under stress. The quagga is an extinct subspecies of this animal from South Africa. For the point, name these African relatives of the horse, known for their black and white stripes.

ANSWER: *zebra*

(Tossup 8) This poet imagines "stout Cortez" and says, "much have I travell'd in the realms of gold" in the poem "On First Looking into Chapman's Homer." This poet was memorialized by fellow Romantic poet Percy Shelley in "Adonais" (ADD-doe-NAY-iss). This poet asks "do I wake or sleep?" in one poem, and in another, he concludes that "beauty is truth, truth beauty." For the point, name this English poet of "Ode to a Nightingale" and "Ode on a Grecian Urn."

ANSWER: John *Keats*

(Tossup 9) A figure in this painting leans over a newspaper and a mug of coffee across the street from an empty, green-painted storefront. This painting's central scene sits under a large advertisement for five-cent Phillies cigars. In this painting, a pair of silver carafes sit behind a man in white, who bends down behind a wooden counter to serve this painting's title figures. For the point, name this painting by Edward Hopper in which a woman in red and two men in blue suits sit at a lonely cafe counter on a darkened street.

ANSWER: *Nighthawks*

(Tossup 10) While holding Matthews Hill, this general suffered a fractured finger from being shot in the hand. Despite this general's forces arriving late to the Battle of Gaines' Mill, the Confederacy managed to hold onto Richmond. Robert E. Lee exclaimed that he had lost his right arm after this man was killed by friendly fire at Chancellorsville. For the point, name this Confederate General nicknamed "Stonewall."

ANSWER: Thomas "Stonewall" *Jackson*

(Tossup 11) This man names a sequence for classifying galaxies, his "tuning fork." An object named for this scientist is set to be replaced in 2021 by an instrument named for James Webb. This scientist names an equation that states that galaxies are moving away from Earth at a rate proportional to their distance from Earth. For the point, give this American astronomer who names a space telescope launched in 1990.

ANSWER: Edwin Powell *Hubble* (accept *Hubble* sequence; accept *Hubble* tuning fork diagram; accept *Hubble* space telescope; accept *Hubble-Lemaitre* law)

(Tossup 12) This island's largest city, which sits on a coral plateau, gets its name from a foreign word for "fingers," as that's how the first city plan was measured. The language of Chamorro, an Austronesian language mixed with Spanish vocabulary is widely spoken on Rota, Tinian, Saipan, and this island. With the Philippines and Puerto Rico, this territory was transferred to the US in the 1898 Treaty of Paris. For the point, name this US overseas territory in the Pacific which includes the city of Dededo.

ANSWER: *Guam*

(Tossup 13) A novel written in this language follows the fifty-year-old Harry Haller, who is nicknamed for his wolf-like appearance. Another novel written in this language follows the Buddha's journey to enlightenment. *Steppenwolf* and *Siddhartha* were both written by Herman Hesse in, for the point, what European language also used to write the novels of Johann Goethe [yoh-han GUH-tuh]?

ANSWER: **German** (accept **Deutsch**)

(Tossup 14) Due to his frequent use of vetoes, this politician was known by his opponents as "His Obstinacy." This politician first won his highest office thanks to the support of the "Mugwumps." Despite winning the popular vote, this man lost the election of 1888 to Benjamin Harrison, whom he would go on to defeat in 1892. For the point, name this only U.S. president to serve non-consecutive terms.

ANSWER: Grover **Cleveland**

(Tossup 15) Alteration of the mirror neuron system is a common symptom of this condition as postulated in the work "Theory of the Mind." Temple Grandin, who has this condition herself, served as a one of its first spokespeople in the public eye. Doctor Andrew Wakefield had his medical license revoked after publishing a study linking vaccines to this condition. For the point, name this developmental disorder with subsets like Asperger's Syndrome.

ANSWER: **Autism**

(Tossup 16) This composer included five dances "In the Olden Style" in his Holberg Suite. Another suite by this composer of *Lyric Pieces* mourns "The Death of Åse (OH-she)," evokes sunrise with "Morning Mood," and depicts a tense chase through a castle. For the point, name this Norwegian composer whose *Peer Gynt Suite* includes the slow-building portion titled "In the Hall of the Mountain King."

ANSWER: Edvard **Grieg** (accept Edvard Hagerup **Grieg**)

(Tossup 17) When this element is subjected to ten gigapascals at room temperature, it forms its "red" allotrope, which can be further compressed to form a "metallic" allotrope. Dobson units are used to measure the abundance of an allotrope of this element in the atmosphere that is depleted by CFCs. For the point, name this element, whose allotropes include ozone.

ANSWER: **oxygen** (accept **O**)

(Tossup 18) The Mesopotamian figure Oannes is depicted as half-human and half-this type of animal, whose skin was sometimes worn by the Mesopotamian god Enki. In an Athabaskan story, a man discovers his grandson caught in a trap set for these animals during their "run" up a river. The Irish hero Finn McCool gains wisdom from, for the point, what kind of animal exemplified by the Salmon of Knowledge?  
ANSWER: **fish** (accept **salmon** before mentioned)

(Tossup 19) This leader won a decisive victory at the Battle of Bezzocca with his “Hunters of the Alps.” For his role in the Uruguayan Civil War, this man was labeled the “Hero of Two Worlds.” The Kingdom of Two Sicilies was conquered by this rival of the Count of Cavour. This leader also led the Expedition of the Thousand. Victor Emmanuel II was supported as King of Italy by, for the point, what leader of the Red Shirts?

ANSWER: Giuseppe *Garibaldi*

(Tossup 20) A character in this play forgets one of the Ten Commandments while being questioned by a visiting reverend. A character in this play is said to have “found his goodness” after refusing to sign a written confession before his execution. The slave Tituba is accused of leading girls to dance in the woods in this play, which was written as an allegory of 1950s McCarthyism. John Proctor is hanged during the Salem Witch Trials in, for the point, what play by Arthur Miller?

ANSWER: The *Crucible*

(Tossup 21) A woman in this painting wears a brooch representing Persephone and a brown, patterned apron. This painting’s artist was inspired by the Dibble House, and used his sister, Nan, and his dentist as models, painting them in front of an unusually ornate window in an Iowa farm house. For the point, name this painting by Grant Wood in which a grim-looking woman in an apron stands next to a man with a pitchfork.

ANSWER: *American Gothic*

(Tossup 22) During World War II, British men conscripted into this industry were labeled “Bevin Boys.” In this industry, children and elderly workers were made “breaker boys” and tasked with finding impurities. Canaries were used by workers in this industry to combat deadly build-ups of carbon monoxide. Workers often contracted “black lung” while working in, for the point, what industry focused on recovering a fossil fuel from the ground?

ANSWER: *coal* mining (prompt on mining)

(Tossup 23) In this novel, Benedetto adopts the identity of Viscount (VYE-count) Andrea Cavalcanti to seduce his half-sister, Eugenie Danglars. This novel’s title character take the place of Abbe Faria’s corpse to escape from the Chateau d’If [shah-toh DEEF], and ruins the lives of Villefort and Fernand, who had married the title man’s fiancée, Mercedes. For the point, Edmond Dantes adopts a noble title while seeking revenge for his false arrest in what novel by Alexandre Dumas?

ANSWER: The *Count of Monte Cristo* (accept *Le Comte de Monte-Cristo*)

(Tossup 24) One of the oldest of these buildings was originally built in the village of Quba, and may be younger than one of these buildings in Massawa, Eritrea, which is named for “the Companions” of a religious leader. The Maqam Ibrahim is inside a “Great” one of these buildings that also contains the Kaaba and is the focus of the Hajj. The “al-Haram” in Mecca is, for the point, what kind of house of worship sacred to Islam?

ANSWER: *mosques* (accept *masjids*; accept *Quba Mosque* or *Masjid Quba*; accept *Mosque of the Companions* or *Masjid as-Sahabah*; accept *Great Mosque* of Mecca or *Great Mosque of Mecca* or *Masjid al-Haram* before “Great” is mentioned)

(Tossup 25) Walker circulation can reverse or slow down this phenomenon. Atlantic hurricanes are, atypically, not associated with the Modoki form of this phenomenon. This phenomenon can cause disruptions to upwellings along the west coast of South America. For the point, name this southern oscillation, which causes weather changes in the Southern Pacific and is paired with La Niña.

ANSWER: *El Niño*

(Tossup 26) The recycling symbol forms an interrupted version of this surface, and two of these surfaces can be attached to form a Klein bottle. While it also has an Euler characteristic of 0, this 3-dimensional surface is different from a torus as it has 1 edge. For the point, name this one-sided, 1 curved surface that can be created by taping one edge of a half-twisted paper, then taping the ends together.

ANSWER: *Möbius strip* (Accept *Möbius Band* or *Möbius Loop*)

(Tossup 27) This lake’s primary inflow is the Selenga, and it is home to the third-largest lake island in the world, Olkhon Island. This lake's sole outflow is the Angara River, which later becomes a tributary to the Yenisei River. The Mongol Buryat people have historically been based around this lake, which sits on the border of the Irkutsk Oblast. This rift lake is considered to be the oldest lake on Earth. For the point, name this Siberian lake, the deepest in the world.

ANSWER: Lake *Baikal*

(Tossup 28) In this novel, Hastie Lanyon dies of shock after hearing the title man’s confession, which describes the brutal death of Sir Danvers Carew. In this novel, Poole breaks into his employer’s laboratory with Gabriel Utterson, and discovers the body of a criminal dressed in the clothes of the title scientist. For the point, name this novel by Robert Louis Stevenson, in which a mild-mannered doctor drinks a potion that brings out his evil alter-ego.

ANSWER: The Strange Case of *Doctor Jekyll and Mister Hyde*

(Tossup 29) These substances are studied by a field of physics called magnetohydrodynamics. Tokamaks use magnetic fields to confine these substances to a toroidal shape. Lightning contains this phase of matter, the most common in the universe. The sun is composed of this phase of matter. For the point, name this fourth state of matter, a highly-ionized fluid.

ANSWER: *plasmas*

(Tossup 30) A politician with this surname served as the first U.S. representative to the United Nations Commission on Human Rights. A man with this surname promoted the “Three C’s” as part of his Square Deal. A president with this surname formulated the New Deal to combat the Great Depression. For the point, give this common surname shared by Eleanor, Franklin, and Theodore.

ANSWER: **Roosevelt** family

## Tiebreaker

(Tossup 1) The Abbey Theatre is in this country. An author from this country wrote a play in which Vladimir and Estragon perform the title action by a leafless tree. The author of *Man and Superman*, George Bernard Shaw, was born in this country and the absurdist play *Waiting for Godot* is by a dramatist from this country, Samuel Beckett. For the point, name this country where Shaw and Beckett were born near Dublin.

ANSWER: **Ireland** (accept **Eire**; do not accept “Northern Ireland”)