

Round 1

Brad Fischer • Mike Laudermitth • Kristin Strey • Tyler Vaughan

Tossups

(1) **This composer dedicated one of his works to the “memory of a great man” after scratching out a dedication to Napoleon on his *Eroica* symphony. This composer incorporated a Friedrich (*) Schiller poem into one of his symphonies, and imitated “fate knocking at the door” with a “short-short-short-long” motif in his fifth symphony. For ten points, name this composer who included a setting of the poem “Ode to Joy” in his ninth and final symphony.**

ANSWER: Ludwig van Beethoven

(2) **In the *Gylfa-ginning*, this deity is bound with the entrails of Nari, a son of this god and Sigyn. This deity had children with Svathilfari and the giant Angrbotha, becoming the mother of (*) Sleipnir, the eight-legged horse, and the father of the Midgard Serpent and the Fenris Wolf. This shape-shifting son of Laufey disguised himself as a maid to help Thor retrieve his hammer, and tricked Hodr into killing Baldr with a spear of mistletoe. For ten points, name this Norse trickster god.**

ANSWER: Loki

(3) **This body of water was the site of the 1979 Ixtoc [ish-tok] oil spill in the Bay of Campeche [kam-pay-chay]. A seawall was built on this body of water after the 1900 Galveston hurricane. BP was held negligent after the 2010 (*) Deepwater Horizon explosion and the ensuing oil spill in this body of water, where pollution washed ashore in cities like Biloxi and Pensacola. Hurricane Katrina struck New Orleans after strengthening in, for ten points, what gulf south of Louisiana?**

ANSWER: Gulf of Mexico (accept Gulf of Mexico after “gulf” is read)

(4) **This work’s protagonist watches his younger self being chided by Belle, who says he worships a golden idol instead of her. A character in this short novel sees himself as a young man dancing in Mr Fezziwig’s warehouse, and is visited by the dark-robed ghost of a holiday (*) Yet-to-Come, who shows him his own grave and the grave of Tiny Tim, Bob Cratchit’s son. For ten points, name this short novel by Charles Dickens in which Jacob Marley’s ghost helps Ebenezer Scrooge learn generosity during the title winter holiday.**

ANSWER: A Christmas Carol

(5) **A single-walled allotrope of this element may have a zigzag or armchair lattice that also makes up “onions,” buckyballs, and other fullerenes made of this element. A flat, honeycomb-lattice allotrope of this element is (*) graphene. This element can form amorphous rocks, or extremely rigid cubic structures when it makes up coal and diamond. The foundation of organic chemistry is, for ten points, what element with atomic number 6, symbolized C?**

ANSWER: carbon (prompt on “C” before it is read)

(6) **During a protest in this city, students sculpted the ten-meter-tall, papier-mâché statue *Goddess of Democracy*. Jeff Widener photographed a bag-wielding protester in this city standing in front of a line of (*) tanks. The death of Hu Yaobang in 1989 sparked a protest in this city's Tiananmen Square, which is located just outside the Forbidden City. The Chairman Mao Memorial Hall is located in, for ten points, what capital of China?**

ANSWER: Beijing (accept Peking)

(7) **In this novel, Sister Gudule is reunited with her long-lost daughter, who marries the poet Pierre Gringoire [grang-wahr] to save his life after he discovers the Court of Miracles. A character in this novel falls in love with Captain (*) Phoebus [captain FEE-buss] and performs as a street dancer with a goat named Djali ["jolly"]. This novel's protagonist is given away as a baby because of a birth defect, and grows up as the ward of Archdeacon Claude Frollo. For ten points, name this novel by Victor Hugo about Esmeralda and Quasimodo, the title bell-ringer of a Paris cathedral.**

ANSWER: The Hunchback of Notre Dame (accept Notre-Dame de Paris)

(8) **In March 2020, this organization launched the Solidarity Trial, which discontinued its studies on hydroxy-chloro-quine in June. Bruce Aylward, a representative of this group, dodged a 2020 interview question about (*) Taiwan's participation in this organization's pandemic research. Ethiopian biologist Tedros Adhanom leads, for ten points, what group that eradicated smallpox and polio as part of its efforts to improve global public health?**

ANSWER: World Health Organization (accept WHO)

(9) **The Vosges [vohj] are the "Block" form of these structures, and include numerous horsts. These features can arise as a result of delamination, and form by orogeny. The windward side of these features receives more (*) precipitation than the leeward side in the "rain shadow" effect. The collision of continental plates can form these features by forcing rock together, as in the underwater Mid-Atlantic Ridge. For ten points, name these geologic features exemplified by the Himalayan range.**

ANSWER: mountains (accept mountain ranges)

(10) **This operation is applied to the number five in the golden ratio, and when this operation is applied to two, the result is an irrational number approximately equal to "one point four one four." The length of the (*) hypotenuse is found by applying this operation to both sides of the Pythagorean Theorem. Raising a value to the one-half exponent is equivalent to performing this operation. A radical sign indicates, for ten points, what operation that, when applied to twenty-five, gives five?**

ANSWER: square root (accept radical before it is read; accept one-half exponent before it is read; do not accept or prompt on "square")

(11) **The Pantanal is mostly in this country's state of Mato Grosso do Sul. The Iguazu Falls border this nation's state of Paraná, whose state capital is Curitiba. The Treaty of Madrid established the (*) Javari River as the border between Peru and a state in this country that contains a section of the Amazon River basin. For ten points, name this South American country whose statue of Christ the Redeemer towers over Rio de Janeiro.**

ANSWER: Brazil (accept Federative Republic of Brazil or República Federativa do Brasil)

(12) **Trichomes are also known as these structures when found on leaves. Chinchillas and sea otters have the highest density of these structures, whose loss is called (*) alopecia [ah-loh-pee-shah].** Vibrissae are touch-sensitive facial examples of these structures, which can become ingrown if their follicles are infected. Porcupine quills and cat whiskers are specialized types of, for ten points, what protein structures that grow from the skin?

ANSWER: hairs (accept fur)

(13) **This woman was held against her will at Henricus after being captured by Samuel Argall. After studying under Alexander Whitaker, this woman converted to Christianity, took the name (*) Rebecca, and ultimately died while visiting England with her husband, John Rolfe. This woman allegedly stopped her father from beating a Jamestown colonist to death. For ten points, name this daughter of Powhatan who legendarily saved the life of John Smith.**

ANSWER: Pocahontas (accept Matoaka; accept Amonute; before “Rebecca” is read, accept Rebecca Rolfe and prompt on “Rolfe” alone)

(14) **In this epic, Eurycleia [yoo-ree-CLAY-ah] discovers the secret identity of a beggar, but is prevented from telling her employer by Athena. The dog Argos dies after seeing his master in this epic, in which a “cunning man” uses the herb (*) “moly” to trick Circe. This epic’s title character lives with Calypso for seven years, and shoots an arrow through twelve axes to reclaim his place with Penelope and Telemachus in Ithaca. For ten points, name this epic poem attributed to Homer about the title hero’s long journey home from the Trojan War.**

ANSWER: the Odyssey (accept Odysseia)

(15) **Vincenzo Peruggia attempted to return this painting to Florence, where this painting’s sfumato background of a winding road and an arched bridge were painted. This wood-panel painting is nicknamed “La (*) Joconde” at its home in the Louvre, and likely shows the wife of Francesco del Giocondo wearing a veil and lacking any visible lashes or eyebrows. For ten points, name this painting by Leonardo da Vinci of a seated woman with an enigmatic smile.**

ANSWER: Mona Lisa (accept La Joconde before it is read; accept La Gioconda before “Giocondo” is read)

(16) **This band’s first two albums included “No Offense” and “We are Bulletproof, Part 2,” and are titled 2 Cool 4 Skool and O!RUL8,2? [oh, are you late too?]. This band recorded “A Poem for Small Things,” the lead single off their E.P. (*) *Map of the Soul: Persona* with Halsey, and they hit number one in the U.S. with a song that describes “shining through the city with a little funk and soul.” For ten points, name this South Korean boy band who sing “Boy with Luv” and “Dynamite.”**

ANSWER: BTS (accept Bangtan Sonyeondan; accept Bangtan Boys; accept Bulletproof Boy Scouts)

(17) **In this country, Emmeline Pankhurst halted her militant terrorism in order to create a united front against the “German Peril.” In 1918, this country allowed property-owning women over the age of thirty to vote despite the personal objections of (*) David Lloyd George. In 1913, an activist in this country died at the Epsom Derby after being hit by George V’s [the fifth’s] horse. Margaret Thatcher was the first female Prime Minister of, for ten points, what country where suffragist protests were held in London?**

ANSWER: United Kingdom (accept the United Kingdom of Great Britain and Northern Ireland; accept UK; accept Great Britain; accept England)

(18) **This man recruited Assaji and Kaundinya after they criticized him, and delivered the wordless Flower Sermon. This man warned bhikkhus against extremes while preaching at the Sarnath Deer Park, where he advocated the (*) Middle Way instead of pure asceticism. This leader meditated under the Bodhi tree, and preached the value of the Eightfold Path and the Four Noble Truths. For ten points, name this man who achieved enlightenment while leading a namesake Indian religion.**

ANSWER: Buddha (accept Gautama Buddha or Siddhartha Gautama)

(19) **In this novel, Link Deas threatens to use the Ladies’ Law to protect Helen Robinson from a man who orchestrates her husband’s death. Heck Tate insists on covering up the death of a man found next to the shreds of a (*) ham costume in this novel. Bob Ewell’s body is found near a schoolhouse in this novel after an attack that ends with Boo Radley carrying Jem home to his father, Atticus. For ten points, name this novel narrated by Scout Finch and written by Harper Lee.**

ANSWER: To Kill a Mockingbird

(20) **Pierre-Ernest Weiss refined a law about these objects concerning behavior above the Curie point, and described a “para” force exerted by some of these objects. A type of these objects can be created by wrapping a wire around a (*) metal core, and can be activated with an electric current. A “ferro” type of these objects’ namesake force is displayed by objects of this type made of cobalt, nickel, or iron. For ten points, name these objects whose “north” and “south” poles can attract each other.**

ANSWER: magnets (accept word forms like magnetism or magnetic force; accept specific types like paramagnets, electromagnets, or ferromagnets)