

Round 5

First Half

1. **These venues include La Fenice (la fay-NEE-chay) in Venice and La Scala and Milan, while Covent Garden holds a famous type of this concert venue in London. Two large Marc Chagall paintings are found in the atrium of the most famous version of this type of place in the USA, the (*) Metropolitan in New York.** For 10 points, name these concert venues where you can see La Traviata or the works of Wagner performed.

ANSWER: Opera Houses (just saying opera is fine)

Bonus 1. Answer the following about a German musical family for 10 points each.

[10] This family included Carl Philip Emanuel and Johann Christian, but its most famous member was Johann Sebastian, a great Baroque composer. Give the common surname.

ANSWER: Bach

[10] J.S. Bach wrote the Brandenburg Concertos, named after a place that today is both a city and state in which European country?

ANSWER: Germany

[10] J.S. Bach wrote one of these pieces in B Minor, considered a masterpiece of the genre, which was rare for a Lutheran composer, as this type of piece sets the Catholic liturgy to music.

ANSWER: Mass

2. **This man caused his empire to adopt the Uyghur [WEE-gur] script. This husband of Borte was born near present day Ulan Bator and he was also an advocate of meritocracy and (*) religious tolerance.** For 10 points, what leader, originally named Temüjin, founded the Mongolian Empire and conquered most of Eurasia?

ANSWER: Genghis Khan (accept Chinggis Khan, prompt on partial answer)

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Bonus 2. This man said that "Never was so much owed by so many to so few" in a speech to the House of Commons. For 10 points each:

[10] Name this British Prime Minister who gave numerous operations as he led the country through World War II.

ANSWER: Sir Winston Leonard Spencer-**Churchill**

[10] The aforementioned speech was given to praise this branch of the British military. This force directly fought the Luftwaffe during the Battle of Britain.

ANSWER: **Royal Air** Force [accept **RAF**]

[10] In a different speech, his *Sinews of Peace*, Churchill coined this term for the closing off of Eastern Europe under Soviet domination and the lack of cultural exchange it caused.

ANSWER: **iron curtain**

3. Examples of these include Rigel and Sirius. These objects are described through the Hertzsprung-Russell diagram. (*) At the end of their lives, these objects sometimes explode into supernovae. For 10 points, what luminous objects undergo fusion in their cores, and include our sun?

ANSWER: **Stars**

Bonus 3. For 10 points each, answer the following about the scientific history of the atom.

[10] This Greek philosopher coined the term "atom" around 450 BC. His atomic theory posited that atoms were indestructible.

ANSWER: **Democritus**

[10] The discovery of this negatively charged subatomic particle led J. J. Thomson to propose the plum pudding model, in which these were surrounded by a "soup" of positive charge.

ANSWER: **electron**

This part of the atom was discovered by James Chadwick, and it is found in the nucleus.

ANSWER: **neutron**

4. This province's city of Windsor has been a major center for car manufacturing, while its city of Thunder Bay is one of the most important ports on Lake Superior. This province's most populous metropolitan region lies on the western end of a (*) lake that shares its name. For 10 points, name this most populous province of Canada whose largest city is Toronto.

ANSWER: **Ontario**

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Bonus 4. An African country has many interesting geographical features. For 10 points each, [10] Name this country at the tip of the continent whose city of Cape Town lies near the Cape of Good Hope.

ANSWER: **South Africa**

[10] South Africa is unique among nations in having this many capital cities, one for each branch of its government.

ANSWER: **Three**

[10] South Africa completely surrounds this small country with capital at Maseru. It's not to be confused with Swaziland, which Mozambique also borders.

ANSWER: **Lesotho**

5. ***Korematsu v. United States* was a landmark U.S. Supreme Court case concerning the constitutionality of this action. Manzanar was one of the sites of this action started by (*) Executive Order 9066. In 1988, President Ronald Reagan apologized for, for 10 points, what action taken by Franklin Roosevelt during World War II after the attack Pearl Harbor?**

ANSWER: **Japanese Internment** (accept **Executive Order 9066** before it is read)

Bonus 5. For 10 points each, answer these questions about seafaring vessels.

[10] This ship is famous for a namesake compact signed by the Pilgrims, who sailed this ship to New England.

ANSWER: **Mayflower**

[10] In between directing movies like *Titanic*, James Cameron took a submarine to this place in the Pacific Ocean. This is the deepest known point of Earth's oceans.

ANSWER: **Mariana's Trench** or **Challenger Deep**

[10] The *USS Intrepid*, a type of this large warship, served in World War II and can now be toured as a museum ship in New York City.

ANSWER: Aircraft **Carrier**

6. **One writer from this country created a title character named Zorba. This country was home to Nikos Kazantzakis who was born on its largest island in Heraklion. Authors who worked in what is now this modern-day country in ancient times included (*) Sappho, Aristophanes and Euripedes. For 10 points, name this Mediterranean country where contemporary writers describe life in Athens.**

ANSWER: **Greece**

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Bonus 6. For 10 points each, answer these questions about a 19th century American author.

[10] This author wrote short stories, often with a macabre and mysterious feel to them. He died in Baltimore in 1849 and a poem by him is the namesake of Baltimore's football team.

ANSWER: Edgar Allan **Poe**

[10] Poe wrote a famous short story about a title black animal of this type.

ANSWER: **Cat**

[10] Poe's work "The Murder in the Rue Morgue" is considered one of the first types of this story.

ANSWER: **Mystery** (or **Detective** fiction)

7. This season in the Northern Hemisphere is when the Earth is farthest from the Sun. This season is when the Perseid meteor showers take place, and it features the peak of (*)

Atlantic hurricane activity. For 10 points, what season begins with a solstice and ends with the autumnal equinox?

ANSWER: **Summer**

Bonus 7. Answer the following about a planet, for 10 points each.

[10] Name the fourth planet from the sun, named after the Roman god of war.

ANSWER: **Mars**

[10] This CEO of Tesla has expressed a desire to colonize Mars, perhaps by utilizing the rockets of SpaceX, another company he founded.

ANSWER: Elon **Musk**

[10] Between Mars and Jupiter lies this region of the solar system, where many objects much smaller than planets can be found.

ANSWER: **Asteroid Belt**

8. Many of this author's most famous short stories are included in his collection *The Sketchbook of Geoffrey Crayon*. This author served as Ambassador to Spain (*) and wrote a work entitled *Tales of the Alhambra* based on his time in Spain. For 10 points, what author wrote about Ichabod Crane and the Headless Horseman in *The Legend of Sleepy Hollow*?

ANSWER: Washington **Irving**

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Bonus 8. D'Artagnan accompanies this novel's title characters in foiling Milady de Winter's plans. For 10 points each:

[10] Name this novel in which the title characters Athos, Aramis, and Porthos use the motto "One for all and all for one."

ANSWER: *The Three Musketeers*

[10] *The Three Musketeers* is one of the most famous works written in this language.

ANSWER: French

[10] Alexandre Dumas who wrote *The Three Musketeers* also wrote this novel, in which Edmond Dantes seeks revenge against the people who imprisoned him.

ANSWER: *The Count of Monte Cristo*

Halftime - Lightning Rounds

1. Birds
2. The South Before the Civil War
3. The Call of the Wild

Birds

Name the...

(1) Wading bird whose bright pink plumage is a result of its brine shrimp diet.

ANSWER: flamingoes

(2) Type of bird, including mallards, that shares a taxonomic family with geese and swans.

ANSWER: ducks

(3) Latin name for the taxonomic class of birds.

ANSWER: Aves ([ay-vees], but be lenient)

(4) Three letter chemical used to kill mosquitoes which led to declines in bird populations before being banned.

ANSWER: DDT (accept dichlorodiphenyltrichloroethane)

(5) Book by Rachel Carson that described the consequences of that pesticide.

ANSWER: *Silent Spring*

(6) Island country in the North Atlantic where the last Great Auks were killed in the mid 19th century.

ANSWER: Iceland

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The South Before the Civil War

In the leadup to the Civil War, name the...

(1) so-called “peculiar institution” whose legality in the South was ended during the war.

ANSWER: slavery (accept anything to do with being **enslaved**)

(2) Crop whose processing was improved by Eli Whitney with a namesake gin.

ANSWER: cotton

(3) Virginia armory raided by John Brown in 1859.

ANSWER: Harpers Ferry

(4) Senator from Mississippi who was the only President of the Confederacy.

ANSWER: Jefferson **Davis**

(5) State that tried to nullify the Tariff of Abominations, leading the federal government to seize Charleston harbor.

ANSWER: South Carolina

(6) State that was considered to be bleeding in the 1850’s due to conflicts over whether slavery should be imposed here

ANSWER: Kansas

The Call of the Wild

In Jack London’s novel The Call of the Wild, who or what is the...

(1) Species of the protagonist, who joins a wolf pack at the end of the novel?

ANSWER: dog (accept canis lupus familiaris or canis familiaris)

(2) Protagonist’s name?

ANSWER: Buck

(3) Country in whose Yukon Territory much of the action in the novel is set?

ANSWER: Canada

(4) Modern American state where the novel ends?

ANSWER: Alaska

(5) Benevolent man who rescues the protagonist from Hal?

ANSWER: John Thornton (accept either underlined name)

(6) Fierce sled dog leader, whom the protagonist defeats to become the pack leader?

ANSWER: Spitz

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Second Half

9. **This man exiled himself to Midian after killing an Egyptian. God appeared to this man in the form of a burning bush and told him to lead a group to Canaan. At Mount Sinai this man received the (*) Ten Commandments.** For 10 points, name this man who parted the Red Sea as he led the exodus of the Israelites.

ANSWER: Moses

Bonus 9. It is tradition on the eve of this holiday to swing a chicken above one's head to transfer sin. For 10 points each:

[10] Name this Jewish holiday, a day of atonement and repentance that is paired with a 25-hour fast.

ANSWER: Yom Kippur

[10] The Book of Jonah is often read a part of Yom Kippur to show the forgiveness of God. In the book, Jonah is eaten by a giant one of these creatures which is often assumed to be a whale.

ANSWER: fish

[10] Rabbi Eliezer stated that the whale that ate Jonah was nearly devoured itself by this giant sea creature. This creature has been described as a dragon and is often paired with the land-based Behemoth.

ANSWER: Leviathan

10. **This geological process can be inhibited by plants, but intensive farming can drastically increase its rate. This process, related to (*) weathering, has both mechanical and chemical varieties.** For 10 points, name this process in which rocks and soil are broken down and moved by wind or water.

ANSWER: Erosion

Bonus 10. On the Mohs scale, a fingernail is about 2 to 2.5 while a knife blade is about 5 to 6.5. For 10 points each:

[10] The Mohs scale measures this property of minerals. A mineral is capable of scratching any mineral with less of this property.

ANSWER: hardness

[10] This mineral comprised of entirely of carbon is rated 10 on the Mohs scale, meaning it is the hardest mineral.

ANSWER: diamond

[10] The orthoclase variant of this mineral is rated 6 on the Mohs scale. This mineral is also the most abundant mineral in the Earth's crust.

ANSWER: feldspar [or orthoclase feldspar]

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11. **This author wrote a novel in which the protagonist is en route to Istanbul by train. A famous Belgian detective who appears in many works by this author is known for his large moustache.** (*) For 10 points, name this British mystery writer whose famous characters include Miss Marple and Hercule Poirot (PWAH - roh)

ANSWER: Agatha Christie

Bonus 11. In this play, Brutus speaks four times as many lines as the title character. For 10 points each,

[10] Name this play in which the title character says “Et tu, Brute?”

ANSWER: Julius Caesar

[10] *Julius Caesar* was written by this famous English writer, who also wrote *Measure for Measure*.

ANSWER: William Shakespeare

[10] Shakespeare also wrote this play about another Roman general and his Egyptian lover.

ANSWER: Antony and Cleopatra

12. **The "abstract" version of this math subject studies groups, rings, and fields. In the linear form of this math subject, students learn about matrices and vectors. While studying this branch of math, students learn to** (*) factor polynomials. For 10 points, name this subfield of math in which students also solve exponential and linear equations.

ANSWER: Algebra

Bonus 12. These two dimensional shapes are often generically called diamonds. For 10 points each,

[10] Name this type of quadrilateral whose four sides all have the same length, but whose angles may not necessarily be congruent.

ANSWER: Rhombus

[10] All squares are rhombuses, but not all rhombuses are squares. A rhombus will be a square if its opposite sides have this property.

ANSWER: parallel

[10] The sum of the internal angles of a parallelogram, a rhombus, or any quadrilateral is this many degrees.

ANSWER: 360 degrees

13. **This artist created *The Old Guitarist* as part of his blue period. A massive black and white work by this artist shows a grieving mother cradling her dead child in the aftermath an attack during the** (*) Spanish Civil War. For 10 points, name this artist of *Guernica* who, with Georges Braque, co-founded Cubism.

ANSWER: Pablo Picasso

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Bonus 13. Irving Stone's biographical novel *The Agony and the Ecstasy* is about this man. For 10 points:

[10] Name this artist who painted *The Creation of Adam* on the ceiling of the Sistine Chapel.

ANSWER: **Michelangelo**

[10] Michelangelo also created a nude marble sculpture of this biblical figure. This figure killed Goliath and, after the death of Jonathan and Saul, becomes King of Israel.

ANSWER: **David**

[10] For the tomb of Julius II, Michelangelo created a sculpture of a rebellious type of this person. In the sculpture, the person of this status is shown trying to break his binds so that he can become free.

ANSWER: **slaves**

14. **This book features a story of prisoners looking at shadows from a fire, known as its author's parable of the cave. Written circa 380 BC, this text suggested that philosophers should be kings (*)**. For 10 points, name this political theory book by Plato, named after a form of government he supported, which is also mentioned in the Pledge of Allegiance.

ANSWER: *The **Republic***

Bonus 14. This nation's history includes a period known as the Sengoku Jidai. For 10 points each,

[10] Name this country with prominent historical figures such as Oda Nobunaga and Tokugawa Ieyasu

ANSWER: **Japan**

[10] Tokugawa Ieyasu formed which type of government which ruled Japan from Edo for the next 300 years?

ANSWER: Tokugawa **Shogunate**

[10] The Tokugawa shogunate was ended after this event which featured the Charter Oath and returned power to a monarch in the latter 19th century.

ANSWER: **Meiji Restoration**

15. **This hunter commits suicide when he realizes the object of his love cannot reciprocate. Earlier, this man was attracted to a pool (*) of water by the goddess Nemesis**. For 10 points, what character in Greek myth is known for staring at his own reflection and now names a type of flower?

ANSWER: **Narcissus**

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Bonus 15. This hero slew the Nemean Lion among 11 other tasks. For 10 points each,
[10] Name this hero who killed the Lernaean Hydra and captured the Erymanthian Boar

ANSWER: **Heracles** (accept Hercules)

[10] Heracles was the son of this King of the Gods and the mortal Alcmena.

ANSWER: **Zeus**

[10] Zeus was also the father of this other Greek god who lived in Mount Etna and was a smith.

ANSWER: **Hephaestus**

16. In 2017, this leader called a snap election, causing the Conservative party to lose its parliamentary majority. This leader succeeded David Cameron, who stepped down (*) after an unanticipated result on the Brexit referendum. For 10 points, what Prime Minister, currently opposed by Jeremy Corbyn, currently leads the United Kingdom?

ANSWER: Theresa **May**

Bonus 16. Answer the following about a major global sporting event this year.

[10] This quadrennial sporting competition will be held this summer and is organized by FIFA.

ANSWER: **World Cup** Finals

[10] The 2018 FIFA World Cup Finals will be held in this country, with games taking place in Sochi, Kaliningrad, and Nizhny Novgorod.

ANSWER: **Russia**

[10] After a 2-1 defeat to Trinidad and Tobago in qualifying, this country will miss the FIFA World Cup Finals for the first time since 1986, leading to much soul-searching about the development of this country's soccer culture.

ANSWER: **USA**

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Tiebreaker / Backup

This executive order was issued under the authority of war powers, so it only applied to ten states. This rendered the Fugitive (*) Slave Act of 1850 irrelevant, before eventually being superseded by the Thirteenth Amendment. For 10 points, what January 1, 1863 action by Abraham Lincoln freed the slaves in areas under control by the Confederacy?

ANSWER: **Emancipation Proclamation**