

## Stateline Juniors 2023

# Game 6

### Buzz-In Round

- 1) What suite, whose seven moments include "the Magician," was composed by Gustav Holst and inspired by astrological figures like "the Bringer of War," Mars?

Answer: The **Planets**, Opus 32

- 2) The towns of Henderson and Paradise are suburbs of what US city, home to resorts like the Bellagio and the MGM Grand along a namesake "strip" of casinos?

Answer: **Las Vegas** (accept **Las Vegas Strip**)

- 3) Name the painter who, with Georges Bracque, co-founded the Cubist movement and painted *The Old Guitarist* during his Blue Period.

Answer: Pablo **Picasso** (accept Pablo **Ruiz** y Picasso)

- 4) What phenomenon's damage can occur at strike-slip faults, is measured on the Richter scale, and has P and S waves that make the ground shake violently?

Answer: earth**quake**

- 5) What Romance language added loan words to English like "buckaroo" and "ranch" three hundred years after conquistadors introduced this language to Mexico?

Answer: **Spanish** language (accept **espanol**)

- 6) Name the human organ that contains alveoli at the end of bronchioles and that allows humans to breathe in oxygen.

Answer: **lung**

- 7) Khumbu Icefall is often traversed while climbing what mountain, which was first summited by Tenzing Norgay and Edmund Hillary during a 1953 expedition in the Himalayas, and is the tallest mountain in the world?

Answer: Mount **Everest** (accept **Sagarmatha**; accept **Chomolungma**)

- 8) Name the internet platform where QTCinderella [{"Cutie Cinderella"}] hosted the first Streamer Awards in 2022 to recognize people like Asmongold and moistCr1tical [{"Moist Critical"}], who use both this platform and YouTube.

Answer: **Twitch**

- 9) A famous graffiti artwork of two communist leaders kissing was painted in what city, where Checkpoint Charlie was part of a large, Soviet-built dividing wall between West and East Germany?

Answer: **Berlin** (accept **Berlin** Wall)

- 10) What game's 2023 Open Game License controversy led to high sales of its competitor, *Pathfinder*, to protest Hasbro's attempt to use this game to collect fees from podcasts like *The Adventure Zone* and *Critical Role*?

Answer: **Dungeons and Dragons** (accept **D&D** or **DnD**)

- 11) Name the Nathaniel Hawthorne novel in which Reverend Arthur Dimmesdale eventually takes responsibility for his affair with Hester Prynne, who had been forced to sew a red capital "A" onto her clothes as a sign of her adultery.

Answer: The **Scarlet Letter**

- 12) Araminta Ross was the birthname of what woman, who became known as "Moses" for her perfect record of ferrying slaves along the Underground Railroad?

Answer: Harriet **Tubman**

- 13) What element has isotopes called tritium and deuterium, and is a highly flammable gas with atomic number 1 and symbol H?

Answer: **hydrogen**

- 14) Name the epic poem in which Telemachus and Penelope welcome the title warrior home after he evades Scylla and Charybdis and lives with the witch Circe while trying to return from the Trojan War.

Answer: the **Odyssey** (accept **Odysseia**)

- 15) What animal form could be taken by a mythical figure who trapped the Mmoboro hornets in a calabash, Anansi, who is sometimes depicted with eight long, skinny legs?

Answer: **spider**

- 16) The Buffon's Needle experiment approximated what irrational number, which is very roughly equal to 22 over 7 and exactly equal to the ratio of the circumference and diameter of a circle?

Answer: **pi** (do not accept or prompt on "3.14")

- 17) Name the American author of Jazz Age novels like *The Beautiful and the Damned* and *The Great Gatsby*.

Answer: F. Scott **Fitzgerald** (accept Francis Scott Key **Fitzgerald**)

- 18) What punishment was instituted by Queen Mary I to get rid of early English Protestants, and was done to Joan of Arc to punish her for cross-dressing?

Answer: **burning** at the stake (prompt on answers describing "execution" or "killing" by asking "Using what method?")

19) What desert is the traditional home of the Tuareg people, and stretches across northern Africa?

Answer: **Sahara** (accept **Saharan** Desert)

20) In some animals, the notochord develops into what segmented bony structure in vertebrates, which make up a subphylum in the phylum Chordata?

Answer: **spine** (accept **backbone**; accept **spinal cord**; accept **spinal column**; accept **vertebral** column)

## Volleyball Round

- 1) Homey Airport near Groom Lake is part of what US Air Force facility in Nevada? While this location's existence was finally acknowledged by the CIA in 2013, they haven't confirmed or denied the study of alien UFOs here.

Answer: **Area 51**

- 2) The canals of the Calumet River run through the South Side of what Illinois city on the shores of Lake Michigan?

Answer: **Chicago**

- 3) In Archimedes' principle, the buoyant force is equal to "g" times displaced volume times what quantity, which is equal to mass divided by volume?

Answer: **density**

- 4) What humanitarian said "I only talk about peace" after being asked for her perspective on alleged conflict between Chris Pine and Harry Styles at the 2023 Oscars?

Answer: **Malala** (accept Malala **Yousafzai**)

- 5) Name the Charles Dickens novel in which Pip Pirrip receives an unexpected inheritance from convicted criminal Abel Magwich, allowing him to become a gentleman.

Answer: **Great Expectations**

- 6) The satellite Skylab was replaced by what astronomical object that includes the European *Tranquility* node and the American *Columbus* space laboratory?

Answer: **ISS** (accept **International Space Station**)

- 7) What singer, who is scheduled to appear in *Joker: Folie a Deux* in 2024, composed her song "Hold My Hand" for the film *Top Gun: Maverick*?

Answer: Lady **Gaga** (accept Stefani (Joanne Angelina) **Germanotta**)

- 8) On what continent did Ernest Shackleton's *Endurance* sink, Robert Scott's expedition perish, and Roald Amundsen's group become the first people to reach the South Pole?

Answer: **Antarctica**

- 9) What man, who composed two *Notebooks* for his wife Anna Magdalena, also wrote the Baroque-era *Brandenburg Concertos* and *The Well-Tempered Clavier*?

Answer: Johann Sebastian **Bach**

- 10) Newton and Leibniz independently discovered what branch of mathematics that involves limits, integrals, and derivatives?

Answer: **calculus**

- 11) Name the long novel by Leo Tolstoy that follows five Russian noble families, including the Bolkonskys, during and after Napoleon's invasion of Russia.

Answer: **War and Peace** (accept **Voyna i mir**)

- 12) Name the holy month that precedes the fest day Eid al-Fitr. During this month, able-bodied Muslims fast during the day.

Answer: **Ramadan**

- 13) Fighting at Freeman's Farm and Bemis Heights took place in what 1777 Revolutionary War battle in New York, where John Burgoyne's surrender is often cited as the turning point of the Revolution?

Answer: Battle(s) of **Saratoga**

- 14) In what novel is Charles Wallace saved from IT ["it"] while Meg Murray uses a tesseract to save her father by traveling through the multiverse? It was written by Madeleine L'Engle.

Answer: A **Wrinkle in Time**

- 15) Erythroblastosis can occur when an expectant mother and child do not share what characteristic, which is usually described with positive and negative Rh factors and the letters A, B, and O?

Answer: **blood type** (accept **blood group**)

## **Lightning Round**

The categories are...

- 1) Constitutional Convention
- 2) Famous Portraits
- 3) Countries in the 2022 FIFA World Cup



## **Constitutional Convention**

Name the following people, places, and things involved in our country's Constitutional Convention.

1) The Pennsylvania city where it was held.

Answer: **Philadelphia**

2) State with capital Dover that was the first to ratify the new Constitution.

Answer: **Delaware**

3) Founding Father who became the first President under its system.

Answer: George **Washington**

4) Fourth US President, known as the Father of the Constitution.

Answer: James **Madison**

5) Founding Father who hosted the Convention and now appears on the 100 dollar bill.

Answer: Benjamin **Franklin**

6) Number of Articles in the Constitution.

Answer: **seven**

7) Large state that proposed a population-based setup for Congress.

Answer: **Virginia** (accept **Virginia** Plan)

8) Small state that proposed a Congress where each state received equal representation.

Answer: **New Jersey** (accept **New Jersey** Plan)

9) New England state that names the compromise between those two plans.

Answer: **Connecticut** (accept **Connecticut** Compromise)

10) The ineffective governing document it intended to replace.

Answer: **Articles of Confederation**

## Famous Portraits

Given a description of a painted portrait, give the name of the person or group whose name appears in the title of the painting.

- 1) This woman smiles enigmatically at the viewer in a painting by Leonardo da Vinci.  
Answer: **Mona Lisa** (accept **Lisa**; accept Lisa del **Giocondo**; accept Lisa **Gherardini**)
- 2) This Dutch artist painted himself in *Self-Portrait with a Bandaged Ear*.  
Answer: Vincent **Van Gogh** (accept Vincent Willem **Van Gogh**)
- 3) Leutze painted this general on a boat *Crossing the Delaware*.  
Answer: George **Washington** (accept **Washington Crossing the Delaware**)
- 4) Warhol based a *Diptych* of this actress on a photo for the film Niagara.  
Answer: **Marilyn Monroe** (accept either name; accept Norma Jeane **Mortenson**; accept **Marilyn Diptych**)
- 5) Warhol also reproduced portraits of this Communist leader of China.  
Answer: **Mao** Zedong (prompt on "Zedong")
- 6) Jacques-Louis David painted this military leader *Crossing the Alps*.  
Answer: **Napoleon Bonaparte** (accept either name; accept **Napoleon I** [first]; accept **Napoleon Crossing the Alps**; accept **Napoleon Leading his Army over the Alps**)
- 7) This unbrowed artist painted many self-portraits representing her Mexican heritage.  
Answer: **Frida Kahlo** (accept either name; accept Magdalena Carmen Frida **Kahlo** y Caldeon)
- 8) Whistler painted this relative of his wearing a black dress and facing sideways.  
Answer: Whistler's **Mother** (accept **Anna** McNeill Whistler; prompt on "Whistler")
- 9) Jan Van Eyck painted the *Wedding* of a man in black and a woman in a green dress, who share this surname.  
Answer: **Arnolfini** (accept The **Arnolfini Wedding**; accept The **Arnolfini Portrait**; accept Giovanni **Arnolfini and his Bride**; accept any description including the name **Arnolfini** and the idea of **marriage**)
- 10) Sargent gave Madame Gautreau this pseudonym when he painted her in a low-cut, black evening dress.  
Answer: **Madame X** (accept **Portrait of Madame X**)

### Countries in the 2022 FIFA World Cup

Name the following countries based on what they did - or didn't - do during soccer's 2022 FIFA World Cup.

- 1) Hosted the tournament despite harsh criticism of slave labor.

Answer: **Qatar** (accept State of **Qatar**)

- 2) Won the tournament with player Lionel Messi.

Answer: **Argentina** (accept **Argentine** Republic)

- 3) Lost in the final, despite Kylian Mbappe [m'bah-PAY's] hat trick.

Answer: **France** (accept **French** Republic; accept La **France**; accept Republique **française**)

- 4) Surprisingly lost to Croatia, ending their hopes for a sixth title.

Answer: **Brazil** (accept Federative Republic of **Brazil** or Republica Federativa do **Brasil**)

- 5) Finished fourth, the best ever showing for a country from Africa or for an Arab country.

Answer: **Morocco** (accept Kingdom of **Morocco**)

- 6) Lost to the Netherlands; its stars include Christian Pulisic.

Answer: **US** (accept **USA**; accept either underlined portion of **United States** of **America**)

- 7) Made the quarterfinals despite benching Cristiano Ronaldo.

Answer: **Portugal** (accept **Portuguese** Republic; accept Republica **Portuguesa**)

- 8) Qualified for the tournament thanks to Gareth Bale.

Answer: **Wales** (accept **Cymru**; do not accept or prompt on "UK")

- 9) Didn't qualify; their clubs include Inter Milan.

Answer: **Italy** (accept **Italian** Republic; accept Repubblica **Italiana**)

- 10) The "Socceroos," who lost in the first knockout round.

Answer: **Australia** (accept Commonwealth of **Australia**)

## Final Challenge

- 1) What type of quadrilateral forms the side faces of a pyramidal frustum, has an area equal to the height times the average of its two parallel bases, which are usually unequal?

Answer: **trapezoid**

- 2) The Witwatersrand [vit-vaters-rand] is in what African country, where the Drakensberg straddles its border with Lesotho and where Table Mountain overlooks one of its three capital cities, Cape Town?

Answer: **South Africa** (accept Republic of **South Africa**)

- 3) Name the epic poem about a Geatish hero who battles a dragon with Wiglaf and defends the mead-hall Heorot against the monster Grendel, a classic of Old English literature.

Answer: **Beowulf**

- 4) What MLB team hired manager Pedro Grifol to succeed Tony LaRussa, has stars like Eloy Jimenez and Lucas Giolito, and plays the Crosstown Classic against the Cubs?

Answer: Chicago **White Sox** (prompt on "Chicago;" prompt on "Sox")

- 5) What planet is orbited by the Galilean moons, such as Europa and Ganymede, and is the solar system's largest planet?

Answer: **Jupiter**

- 6) Robert Livingston and James Monroe negotiated what agreement, which was originally intended to include only New Orleans and whose other territory was later explored by Lewis and Clark?

Answer: **Louisiana Purchase** (accept descriptions of the US **buying Louisiana** from the French)

- 7) What class of vertebrates vocalize with a syrinx and grind food in a gizzard, and include animals that lay eggs and have feathers?

Answer: **bird** (accept **Aves**; accept **avians**)

- 8) What deity was painted presiding over *Primavera* in one Sandro Botticelli painting, and floating to shore on a seashell in another of his paintings showing the *Birth* of this goddess?

Answer: **Venus** (accept **Aphrodite**; accept The Birth of **Venus**; accept Nascita di **Venere**)

- 9) The official name of Dade County includes what city, which is home to a large population of Cuban immigrants and which trails Jacksonville as the most populous city in Florida?

Answer: **Miami** (accept **Miami-Dade County**)

- 10) The Volstead Act was the official legislative mechanism for what government policy, which was "toggled" by the 18th and 21st Amendments to the US Constitution and which restricted the sale of alcoholic beverages?

Answer: **Prohibition** of alcoholic beverages (accept descriptions that don't use the exact word "Prohibition")

- 11) Name the Egyptian god who defeated Seth in a boat race, the son of Isis and Osiris who was often depicted with the head of a hawk.

Answer: **Horus** (accept **Hor** or **Har**; prompt on "Nekhenty")

- 12) Name the American poet who wrote about "a fearful trill / of things unknown / but longed for still" in a poem that takes its title from this poet's autobiography *I Know Why the Caged Bird Sings*.

Answer: Maya **Angelou** (accept Marguerite Annie **Johnson**)

- 13) What mathematical term names a "line test" that determines whether a graph is a function, and describes a line that goes straight up and down?

Answer: **vertical** (accept **vertical** line test)

- 14) What historical figure requests a signal of "one if by land, and two if by sea" in a poem titled for his late-night ride to warn the Americans that the British were coming?

Answer: Paul **Revere** (accept **Paul Revere's Ride**)

- 15) What kind of object is central to a Double Disaster screen printing by Andy Warhol that shows a person crushed in the driver's seat of one of them?

Answer: **car** (accept equivalent terms like **automobile**)

- 16) What set of three characters summon the apparition of a bloody child and hail a "Thane of Cawdor who shall be King hereafter" in the play *Macbeth*?

Answer: **Weird Sisters** (accept the three **witches** from *Macbeth*)

- 17) What American politician debated Stephen Douglas in Freeport and Oregon, Illinois, and gave the Gettysburg Address while President during the Civil War?

Answer: Abraham **Lincoln**

- 18) Reptiles are classified by the shape of this bone's "roof" which, in diapsids like snakes, have two openings behind the eyes to allow for stronger jaws.

Answer: **skull**

- 19) What country's Eyjafjallajökull [[ah-yah-fyah-lah-yoh-kull]] is one of the many volcanoes whose thermal activity makes it possible to grow bananas on this Nordic island nation in the north Atlantic?

Answer: **Iceland** (accept **Island**)

20) What phenomena are exemplified by a hexagon observed on Saturn in the 1980s, by Jupiter's Great Red Spot, and by Earthly events that often involve rain and lightning?

Answer: **storms**