

## Stateline Juniors 2023

# Game 10

### Buzz-In Round

- 1) Marie Louise of Austria and Josephine each served as Queen of Italy because they were married to what ruler, who was exiled to Saint Helena after the Battle of Waterloo was lost by the French?

Answer: Napoleon Bonaparte (accept either or both names; accept Napoleon I)

- 2) What game series, in which the player uses time travel in *Majora's Mask* and the Master Sword in nearly every game, released *Tears of the Kingdom*, the sequel to *Breath of the Wild*, in May 2023?

Answer: The Legend of Zelda

- 3) What American author wrote short stories in which history is changed when a hunter steps on a prehistoric butterfly and an empty, automatic house that continues to work after a nuclear apocalypse in "The Sound of Thunder" and "And There Will Come Soft Rains?"

Answer: Ray Bradbury (accept Ray Douglas Bradbury)

- 4) Inge Lehmann studied what region, made up of nickel and iron, that is roughly 4,000 miles across and is surrounded by the mantle, deep within the center of the Earth?

Answer: Earth's core

- 5) What author of *Profiles in Courage* oversaw the Bay of Pigs debacle and the Cuban Missile Crisis with the Soviets, and served as US President until he was assassinated in 1963?

Answer: John F. Kennedy (accept JFK; accept John Fitzgerald Kennedy)

- 6) What scene, which Tintoretto painted at an angle and featured servants bussing the table, was depicted by Leonardo da Vinci that shows all twelve apostles on one side of a table?

Answer: The **Last Supper** (accept descriptive answers; the title doesn't have to be exact)

- 7) A cantata, which is sung, is technically contrasted with what form of music, which is played? This term, from the Italian for "to sound," has examples like Beethoven's "Moonlight."

Answer: **sonata**

- 8) What type of substance, which is called an amalgam when it includes mercury, is a mixture of substances that typically improves on the qualities of its base metal, including examples like steel, brass, and bronze?

Answer: **alloys**

- 9) What fictional character gives his alternate self the powers of Master of the Sun in a 2020 comic, and befriends Rocket and Groot as the leader of the Guardians of the Galaxy?

Answer: **Star-Lord** (accept Peter Jason **Quinn**)

- 10) In what story by W.W. Jacobs is Herbert White killed, resurrected, and killed again as his father repeatedly wishes on the title mummified body part?

Answer: The **Monkey's Paw**

- 11) The Sawtooths and Bitterroots are sub-ranges of what major mountain range, which is east of the Cascades and the Sierra Nevadas, and runs through Colorado and the western US?

Answer: **Rocky** Mountains (accept **Rockies**)

- 12) A capital Z indicates what set of numbers, which include both positive and negative whole numbers, as well as zero?

Answer: **integers**

- 13) What country is home to the city of Malmo, across the Oresund Bridge from Denmark's city of Copenhagen, as well as the capital city of Stockholm?

Answer: **Sweden** (accept **Sverige**; accept Kingdom of **Sweden**; accept Konungariket **Sverige**)

- 14) What disease can be indicated by an elevated A1C level, is monitored via glucose testing, and may be classified as Type 1 or Type 2 depending on whether the body fails to produce or use insulin?

Answer: **diabetes** mellitus (accept Type 1 and/or Type 2 **diabetes**)

- 15) Name the city where the hills of Safa and Marwah are found near the Zamzam Well and the Kaaba. This birth city of Muhammad is in modern Saudi Arabia.

Answer: **Mecca** (accept **Makkah**)

- 16) What punctuation mark can separate two independent clauses to prevent a run-on sentence without the use of a conjunction?

Answer: **semicolon**

- 17) What element, whose common isotope of weight 12 is used to define the mole, also has an isotope with weight 14 that is used in radiometric dating to determine the age of artifacts?

Answer: **carbon** (accept **C**)

- 18) What island is just southeast of the Cayman Islands, is home to Montego Bay and the historical site of Port Royal in its modern capital of Kingston, and is a Caribbean island where reggae music was born?

Answer: **Jamaica**

- 19) What term, from the Arabic for "successor," describes the Fatimids, Umayyads, Abbasids, and other multinational empires that are unified under an Islamic leader?

Answer: **caliphate** (accept **caliph**)

- 20) In the novel *Fahrenheit 451*, Guy Montag frightens his wife and her friends with one of these objects containing "Dover Beach," and eventually joins a group of people who have memorized these written works, which Guy had once burned.

Answer: **books**

## Volleyball Round

- 1) Rihanna starred in a flopped 2012 film adaptation of what board game, whose optional rules include the ability to make additional guesses if you still have your Patrol Boat, Carrier, or Submarine?

Answer: **Battleship**

- 2) The South American country whose capital is Quito is named for what geographic feature, which is equivalent to the 0-degrees line of latitude?

Answer: **equator** (accept **Ecuador**; it's lenient, and it's arguably an acceptable pronunciation anyway)

- 3) The roots of a function will be graphed as points on what part of the Cartesian plane, which is graphed by the line "y equals zero?"

Answer: **x-axis**

- 4) What NFL team, which released its game schedule in anime form again in 2023, is quarterbacked by Justin Herbert and shares SoFi Stadium in Los Angeles with the Rams?

Answer: Los Angeles **Chargers** (accept **Los Angeles** or **LA** before it is read)

- 5) Name the American author who created Captain Vere in the novel *Billy Budd* and who wrote about Starbuck, Queequeg, and Captain Ahab in *Moby Dick*.

Answer: Herman **Melville**

- 6) Which element, which is less massive than astatine and larger than all other stable halogens, is named from the Greek for its deep violet color and has atomic symbol I?

Answer: **Iodine** (accept **I** before it is read)

- 7) King Charles II granted land to what Quaker colonist, whose colony is now a US state named for him that contains the cities of Pittsburgh and Philadelphia?

Answer: William **Penn** (accept **Pennsylvania**)

- 8) Callimachus oversaw the winning strategy of what 490 BCE battle, where the Greeks held off the Persians and sent a messenger 26 miles to report the news?

Answer: Battle of **Marathon**

- 9) The energy-providing Krebs cycle is alternatively named for what acid, which is commonly found in fruits like lemons and limes?

Answer: **citric** acid (accept **citric** acid cycle)

- 10) What city's "Industry" is the subject of murals by Diego Rivera showing the history of the River Rouge plant, built by the Ford Motor Company?

Answer: **Detroit** (accept **Detroit Industry**)

- 11) Robert Stroud was the "Birdman" of what federal prison, which was long thought to be escape-proof because it sits on an island in San Francisco Bay?

Answer: **Alcatraz** Federal Penitentiary

- 12) What last name is shared by the poets of "How Do I Love Thee? Let Me Count the Ways" and "My Last Duchess," a married couple named Robert and Elizabeth Barrett.

Answer: the **Brownings** (accept Robert and/or Elizabeth Barrett **Browning**)

- 13) What mesoamerican empire's Templo Mayor was dedicated to gods like Quetzalcoatl in Tenochtitlan, a capital city on the site of what is now Mexico City?

Answer: **Aztecs** (accept **Aztec** empire; prompt on "Mexica" or "Mexicatli;" prompt on "Nahua" or "Nahuatl")

- 14) What object, the largest asteroid in the Solar System, was discovered in 1801, classified as the nearest dwarf planet to Earth in 2006, and is named for a Roman goddess of grain?

Answer: **Ceres**

- 15) Name the country where the poet Lord Byron fought for independence from the Ottomans, and where the play *Medea* was written by Euripides.

Answer: **Greece** (accept **Hellenic** Republic; accept **Ellada** or **Hellas**; accept **Elliniki** Dimokratia)

## **Lightning Round**

The categories are...

- 1) American Vice Presidents
- 2) The Magic of Reading
- 3) Film Posters



## American Vice Presidents

Given the name of a Vice President and, maybe, some more information, name the US President under which they served.

1) John Adams, starting in 1789.

Answer: George **Washington**

2) Kamala Harris, the first female Vice President.

Answer: Joe **Biden** (accept Joseph Robinette **Biden**)

3) Andrew Johnson, who became President in 1865.

Answer: Abraham **Lincoln**

4) Teddy Roosevelt, who became President after this man's assassination.

Answer: William **McKinley**

5) John Tyler, for the 31 days of this man's term.

Answer: **William Henry Harrison** (prompt on "Harrison" alone)

6) Spiro Agnew, who resigned; later, Gerald Ford.

Answer: Richard **Nixon** (accept Richard Milhous **Nixon**)

7) Aaron Burr, the third Vice President.

Answer: Thomas **Jefferson**

8) Thomas Hendricks, briefly; then, after an eight year gap, Adlai Stevenson.

Answer: Grover **Cleveland**

9) Schuyler [skyer] Colfax, whose career was derailed by the Credit Mobilier [mo-bee-lee-ay] scandal.

Answer: Ulysses S. **Grant** (accept Hiram Ulysses **Grant**)

10) John C. Calhoun; either of two rival answers is acceptable.

Answer: Andrew **Jackson**

AND / OR

John **Quincy Adams** (prompt on "Adams;" do not accept or prompt on "John Adams")

## The Magic of Reading

Name some magic users from works of literature.

- 1) The Boy Who Lived in namesake books by J.K. Rowling.  
Answer: **Harry** James **Potter** (accept either underlined name)
- 2) "Gray" wizard and friend of Frodo in *The Lord of the Rings*.  
Answer: **Gandalf** (accept **Gandalf** the Gray; accept **Gandalf** the White; accept **Mithrandir**; accept **Incanus**; accept **Tharkun**; accept **Olorin**)
- 3) Magical English nanny in novels by P.L. Travers and a Disney film.  
Answer: **Mary** **Poppins** (accept either underlined name)
- 4) Common name of Jadis, the antagonist of *The Lion, the Witch, and the Wardrobe*.  
Answer: **White Witch** (prompt on partial answer)
- 5) Villain in *The Wizard of Oz* who tries to avenge her sister's death.  
Answer: Wicked **Witch of the West** (accept **Elphaba**)
- 6) Evil half-sister of King Arthur in *Le Morte d'Arthur*.  
Answer: **Morgan** le Fay (accept **Morgana**; accept **Morgaine**; accept **Morgant**)
- 7) Trickster who consumes the Peaches of Immortality in *Journey to the West*.  
Answer: **Sun Wukong** (accept **Monkey** King)
- 8) Legendary German man who trades his soul for knowledge and power in a play by Hesse.  
Answer: **Faust** (accept Doctor **Faustus**; accept Johan Georg **Faust**)
- 9) Sorcerer and father of Miranda in Shakespeare's *The Tempest*.  
Answer: **Prospero**
- 10) Underwater witch who tries to avenge her monstrous son in *Beowulf*.  
Answer: **Grendel's mother** (do not prompt on partial answer)

## Film Posters

Name the following films based on their release year and a description of their iconic posters.

- 1) 1977; Luke Skywalker holding a lightsaber over an image of Darth Vader.

Answer: **Star Wars** (accept **Episode 4**; accept Star Wars Episode 4: **A New Hope**)

- 2) 1975; a swimmer and a large, lurking shark.

Answer: **Jaws**

- 3) 1993; the tagline "An adventure 65 million years in the making."

Answer: **Jurassic Park**

- 4) 2023; the tagline "She's everything; he's just Ken."

Answer: **Barbie**

- 5) 1997; Leo DiCaprio, Kate Winslet, and the bow of a large ship.

Answer: **Titanic**

- 6) 2022; a psychedelic scene that includes hands with hot dog fingers, or the caption "Best Picture" winner.

Answer: **Everything Everywhere All At Once**

- 7) 1994; Tom Hanks sitting alone on a park bench.

Answer: **Forrest Gump**

- 8) 1985; Michael J. Fox checks his watch, amidst two flaming tire tracks.

Answer: **Back to the Future**

- 9) 2019; Joaquin Phoenix dancing on a set of outdoor stairs.

Answer: **Joker**

- 10) 1972; a black-and-white image of Marlon Brando wearing a suit with a red rose on his lapel.

Answer: The **Godfather**

## Final Challenge

- 1) What type of drug, whose examples with a beta-lactam ring include cephalosporin [seh-fah-low-spoh-rin], are resisted by a strain of bacteria called MRSA and include examples like penicillin?

Answer: **antibiotics**

- 2) The eastern border of Jordan is shared by Saudi Arabia and what other Middle Eastern country, which invaded its other southern neighbor, Kuwait, in 1991?

Answer: **Iraq** (accept Republic of **Iraq**)

- 3) The controversial "wildcat" type of what type of business often failed in the 19th century by printing too much of their own currency? Alexander Hamilton sought to create a strong national version of this institution.

Answer: **banks** (accept additional information and word forms)

- 4) The *Elements* is a textbook written by what ancient Greek mathematician, whose name describes the most common system of geometry?

Answer: **Euclid** of Alexandria

- 5) What Daniel Defoe novel is named for a resident of the Island of Despair, who meets a cannibal he names "Friday" after he is shipwrecked?

Answer: **Robinson Crusoe** (accept The Life and (Strange Surprising) Adventures of **Robinson Crusoe** of York, Mariner: Who Lived Eight and Twenty Years, All Alone in an Un-inhabited Island on the Coast of America, Near the Mouth of the Great River of Oroonoke; Having Been Cast on Shore by Shipwreck, Wherein All the Men Perished but Himself. With an Account how he was at last as Strangely Deliver'd by Pyrates. Written by Himself.)

- 6) What name is shared by the composers of the *Radetzky March*, the opera *Der Rosenkavalier*, and "By the Beautiful Blue Danube," a famous Austrian waltz?

Answer: **Strauss** (accept Johann and/or Richard **Strauss**)

- 7) What mythical realm contains the halls of Folkvangr and Valhalla, is connected to Midgard by the Bifrost, and is the Norse home of the gods?

Answer: **Asgardr**

- 8) The Kensington System sought to raise what ruler, whose 19th century record as longest-serving British monarch was broken by Queen Elizabeth II?

Answer: Queen **Victoria** (accept Alexandrina **Victoria**)

- 9) Propylene glycol is used to prevent or suppress what process, which typically takes place in seawater at 28 degrees Fahrenheit and in freshwater at 32 degrees Fahrenheit?

Answer: **freezing** (accept word forms like **freeze**; do not accept "melting")

- 10) Name the play by Arthur Miller in which Linda insists that "attention should be paid" to her struggling husband, who dies in a car crash to get life insurance payout for his sons, Happy and Biff Loman.

Answer: **Death of a Salesman**

- 11) In April 2023, what artist performed John Lennon's "Jealous Guy" and released a single featuring Future referencing another Lennon song, "Double Fantasy?" His 2021 album *Dawn FM* includes the single "Take My Breath."

Answer: The **Weeknd** ["weekend"] (accept Abel Makkonen **Tesfaye**)

- 12) Marietta and Peachtree City are among the suburbs of what major US city, whose tourist attractions include Centennial Olympic Park, CNN headquarters, the World of Coca-Cola, and the Georgia state capitol building?

Answer: **Atlanta**

- 13) The 1241 Battle of Mohi may have been Europe's introduction to what Chinese-invented substance, a mixture of charcoal, sulfur, and saltpeter used in the earliest explosive weapons?

Answer: **gunpowder** (accept **black powder**)

- 14) What ocean is home to Novaya Zemlya, an island near the Barents Sea where the Tsar Bomba nuclear was carried out by the Soviets north of Russia?

Answer: **Arctic** Ocean

- 15) What real Roman poet of *Eclogues* and the *Aeneid* appears as a fictional character who guides Dante through Hell in the *Inferno*?

Answer: **Virgil** (accept Publius **Vergilius** Maro)

- 16) The temperature at which materials lose their magnetism is named for Pierre, a member of what scientific family that also includes two-time Nobel laureate Marie?

Answer: **Curie** family (accept Pierre and/or Marie **Curie**)

- 17) Name the home country of Federico Garcia Lorca and Miguel de Cervantes, who created the title gentleman, or hidalgo, in the novel *Don Quixote*.

Answer: **Spain** (accept **España**; accept Kingdom of **Spain** or Reino de **España**)

- 18) The dot product and cross product can be computed on what mathematical objects, which have both magnitude and direction, unlike a scalar?

Answer: **vector**

- 19) The study of "dephlogisticated air" [dee-floh-JISS-tih-kay-ted air] by Joseph Priestly led to the discovery of what element, which Antoine Lavoisier [la-VWAH-see-ay] called "vital air" and which forms roughly 20 percent of our atmosphere?

Answer: **oxygen** (accept **O**)

- 20) Secco is an alternative method to what type of artwork, in which paint is applied directly to wet plaster, examples of which include Michelangelo's work on the Sistine Chapel ceiling?

Answer: **frescoes** (prompt on "mural")