

## Stateline Juniors 2023

# Game 7

### Buzz-In Round

- 1) Captain Thomas Preston was acquitted for his role in what 1768 event, where Crispus Attucks and four other colonists were killed by British soldiers in Massachusetts?

Answer: **Boston Massacre**

- 2) An airport called SeaTac serves Tacoma and what largest city of Washington, home of the Space Needle?

Answer: **Seattle**

- 3) Name the literary character created by Washington Irving that Brom Bones describes and then impersonates to frighten Ichabod Crane out of Sleepy Hollow.

Answer: **Headless Horseman** (accept the **Gallopig Hessian** of the Hollow)

- 4) What painting of the village of Saint Remy under swirling lights in a dark sky was painted from an asylum by Vincent van Gogh?

Answer: The **Starry Night** (accept De **sterrennacht**)

- 5) What element, which bonds with hydrogen in both the rocket fuel hydrazine and in laughing gas, is the most prevalent gas in Earth's atmosphere and has an atomic symbol of N?

Answer: **nitrogen** (accept **N** before it is read)

- 6) Name the legendary figure who warned Vortigern about dragons under his castle and helped King Arthur by performing magic.

Answer: **Merlin** (accept **Merlinus** Ambrosius; accept **Myrddin** Emrys; prompt on “Emrys” or “Ambrosius” alone)

- 7) What chemical, whose structure was photographed by Rosalind Franklin to allow a "discovery" by Watson and Crick, encodes genetic instructions in a double helix structure?

Answer: **DNA** (accept **deoxyribonucleic acid**)

- 8) Charles Darrow essentially stole the idea for what classic board game? Its classic pieces include a thimble and top hat, which may be sent to jail instead of passing Go and collecting \$200.

Answer: **Monopoly**

- 9) Aventine, Quirinal, Palatine, and Capitoline are four of the seven hills of what ancient city on the Tiber River, which grew into an imperial capital in what is now Italy?

Answer: **Rome** (accept **Roma**; accept Seven **Hills of Rome**)

- 10) The longest chord of a circle is given what name? This line segment passes through the center and is twice as long as the radius of the circle.

Answer: **diameter**

- 11) Place names from what language's home country have given English words like "pilsner," "rottweiler," "hamburger," and "frankfurter?"

Answer: **German** (accept **Deutsch**; accept **Germany** or **Deutschland**)

- 12) What author's works are numbered in the Perry Index, which includes "The Frogs Who Asked Zeus for a King" and other stories with morals, like "The Tortoise and the Hare?"

Answer: **Aesop**

- 13) What orchestral piece includes themes like "La Marseillaise" and "God Save the Tsar," includes music for cannons, and was composed by Tchaikovsky to commemorate a victory over Napoleon in the title year?

Answer: The **1812** Overture (accept The **Year 1812** Solemn Overture)

- 14) What facility, which was built near Pripjat and is now located in an Exclusion Zone, suffered a meltdown at its Number 4 reactor in 1986, the most severe failure of a nuclear power plant in history?

Answer: **Chernobyl** Nuclear Power Plant (prompt on "(nuclear) power plant" before it is read)

- 15) What 2023 film stars Enna Mackey, Simu Liu, and Ryan Gosling as Ken, a character who serves as an "accessory" for the title superstar dress-up doll?

Answer: **Barbie** (accept The **Barbie** Movie)

- 16) The Saffir-Simpson scale tracks the intensity of what weather events, which have wind speeds greater than 73 miles per hour, the boundary between them and tropical storms?

Answer: **hurricane**

- 17) The cruel Long Walk of the Navajo was led by what American fur trapper, who aided John C. Fremont and became the namesake of the capital city of Nevada?

Answer: Kit **Carson** (accept **Carson** City; accept Christopher Houston **Carson**)

- 18) The Greek city of Corinth lies on what type of geographic feature, other examples of which include Kra in southeast Asia and Panama in Central America, and which is a narrow section of land connecting two large landmasses?

Answer: **peninsula**

- 19) What American author of *Go Set a Watchman* wrote about Scout and her lawyer father, Atticus Finch, in *To Kill a Mockingbird*?

Answer: Harper **Lee** (accept Nelle Harper **Lee**)

- 20) The Pale Blue Dot photo was taken on the request of what astronomer, who organized the Voyager golden records and hosted the popular science show *Cosmos*?

Answer: Carl **Sagan** (accept Carl Edward **Sagan**)

## Volleyball Round

- 1) Bacteria that fix nitrogen are found on the nodules of what plant structure, which also serves to anchor a plant within soil?

Answer: **root**

- 2) What profession is shared by Monkey D. Luffy in the show *One Piece* and the main characters of *Our Flag Means Death*, such as Blackbeard?

Answer: **pirate**

- 3) The Hay-Bunau-Varilla Treaty allowed for the development of what Central American location, including a transportation project that linked the Atlantic and Pacific Oceans?

Answer: **Panama Canal** (prompt on "Panama")

- 4) Vesta and Ceres, which is big enough that it is sometimes called a "dwarf planet," are examples of what astronomical objects that orbit the sun in a namesake "belt" between Mars and Jupiter?

Answer: **asteroid** (accept **asteroid belt**)

- 5) Name the singer who topped her previous record for longest run in the Billboard Hot 100 with her 2022 song "Cuff It," and who also recorded "Crazy in Love," "Single Ladies," and "Break My Soul."

Answer: **Beyoncé** (accept Beyonce Giselle **Knowles**)

- 6) What winter holiday celebrates a miracle during the Maccabean Revolt with the eating of oil-fried foods and the lighting of a nine-branched menorah?

Answer: **Hanukkah** (accept **Chanukah**; prompt on "Festival of Lights")

- 7) What kind of animal is described as a "tim'rous beastie" in a poem about "turning up her Nest, with the Plough" written by Robert Burns?

Answer: **mouse** (accept **mice**; accept **To a Mouse**)

- 8) Rose Mary Woods was the secretary, and possible accomplice, of what US President, who resigned in 1974 in the wake of the Watergate scandal?

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

- 9) A line extends infinitely in two directions; what mathematical term describes a part of line between two terminal points?

Answer: line **segment**

- 10) What Special Administrative Region of China lies across the Pearl River delta from Macau and was a British territory until 1999?

Answer: **Hong Kong**

- 11) The "Five Civilized Tribes," including the Cherokee, were forced to undergo what 19th century forced displacement from the American South to modern Oklahoma?

Answer: **Trail of Tears**

- 12) What physical quantity, which is measured in atmospheres or in Pascals, is a force applied over an area, and typically increases as you descend deeper in the ocean?

Answer: **pressure**

- 13) Name the American author who set novels like *The Call of the Wild* and *White Fang* in Alaska.

Answer: Jack **London** (accept John Griffith **Chaney**)

- 14) In a Guy de Maupassant short story, Mathilde Loisel mistakenly replaces a lost fake version of what title piece of jewelry with a real one after losing the fake at a ball?

Answer: The **Necklace** (accept The Diamond **Necklace**; accept The **Diamond** or La **Parure**)

- 15) What composer of an *Academic Festival Overture* and *A German Requiem* wrote the popular *Wiegenlied* [VEE-gen-lead], now known as his *Lullaby*?

Answer: Johannes **Brahms**

## **Lightning Round**

The categories are...

- 1) World Mountains
- 2) Mythical Water Creatures
- 3) 2022 Billboard Charts

## World Mountains

Given the name of one peak and some other information, name the following mountain ranges from around the world.

- 1) The Matterhorn; found in France, Switzerland, and Italy.  
Answer: **Alps** (accept **Alpine** Mountains)
- 2) Pike's Peak; runs from Canada through seven US states, including Colorado.  
Answer: **Rocky** Mountains (accept **Rockies**)
- 3) Mount Everest; along much of India's northern border.  
Answer: **Himalayan** Mountains (accept **Himalayas**)
- 4) Mount Mitchell; runs from Maine to Georgia.  
Answer: **Appalachian** Mountains (accept **Appalachians**)
- 5) Aconcagua; runs the entire western coast of South America.  
Answer: **Andes** Mountains
- 6) Denali; is named for its US state.  
Answer: **Alaska** Range (accept **Alaskan** Mountains and/or Range)
- 7) Mount Toubkal; runs from Morocco through northern Algeria.  
Answer: **Atlas** Mountains
- 8) Mount Whitney; found almost entirely within California.  
Answer: **Sierra Nevada** Mountains (accept **Sierra Nevadas**)
- 9) Mount Rainier; also the site of the Mount Saint Helens eruption.  
Answer: **Cascade** Mountains (accept **Cascades**)
- 10) Mount Narodnaya; separates "European" Russia from "Asian" Russia.  
Answer: **Ural** Mountains (accept **Urals**)



## Mythical Water Creatures

Identify some mythical creatures that live in or near the water.

1) Greek god of the ocean.

Answer: **Poseidon** (accept **Neptune**)

2) Many-headed monster defeated by Heracles in his second labor.

Answer: **Hydra** (accept Lernean **Hydra**; it lived in the lake of Lerna)

3) Norse serpent that lived in the ocean and encircled the world.

Answer: **Jormungand** (accept **Jormungandr**; accept **Midgard** Serpent)

4) Greek nature spirits; the Naiads were ones who lived near fresh water.

Answer: **nymph** (accept water **nymph**)

5) Biblical sea creature whose land-based counterpart was Behemoth.

Answer: **Leviathan**

6) Squid-like north Atlantic monster known for swallowing ships.

Answer: **Kraken** (accept **Hafgufa**)

7) Multi-headed monster that lived across a narrow strait from Charybdis in the *Odyssey*.

Answer: **Scylla**

8) Cucumber-loving Japanese folk-creature that looks like a turtle.

Answer: **Kappa**

9) Scottish monster that could drag mortals to their deaths as a woman or a black horse.

Answer: **Kelpie**

10) Greek creature that has the front body of a horse and the tail of a fish.

Answer: **hippocampus** (accept **hippocampi**; prompt on "sea-horse")

## 2022 Billboard Charts

Name the artists of the following songs that finished in the year-end Billboard Hot 100 chart for 2022. Note that none of the songs in this lightning round have featured artists; each is performed by one singer or group.

- 1) "Late Night Talking" and "As It Was."  
Answer: Harry **Styles** (accept Harry Edward **Styles**)
- 2) "Levitating;" she also joined Elton John on "Cold Heart."  
Answer: Dua **Lipa**
- 3) "Heat Waves," which topped the chart.  
Answer: **Glass Animals**
- 4) "Good 4 U."  
Answer: Olivia **Rodrigo** (accept Olivia Isabel **Rodrigo**)
- 5) "Shivers" and "Bad Habits."  
Answer: Ed **Sheeran** (accept Edward Christopher **Sheeran**)
- 6) "Numb Little Bug."  
Answer: Em **Beihold** (accept Emily Mahin **Beihold**)
- 7) "That's What I Want."  
Answer: Lil **Nas** X (accept Montero Lamar **Hill**)
- 8) "Running Up That Hill," which was first released in 1985.  
Answer: Kate **Bush** (accept Catherine **Bush**)
- 9) "She's All I Wanna Be."  
Answer: Tate **McRae** (accept Tate Rosner **McRae**)
- 10) "All I Want for Christmas is You," for the third straight year.  
Answer: Mariah **Carey**

## Final Challenge

- 1) Encino, Sherman Oaks, and Bel Air are neighborhoods of what western US city, which is found between Pasadena and Long Beach in the largest metropolis of southern California?

Answer: Los Angeles (accept LA)

- 2) What island territory, whose largest city of Nuuk has less than 20,000 residents, is administered by Denmark and is the world's largest island?

Answer: Greenland

- 3) Name the American poet who wrote "Crossing Brooklyn Ferry" and eulogized Abraham Lincoln in the poem "O Captain! My Captain!"

Answer: Walt Whitman (accept Walter Whitman)

- 4) The Euler [oiler] line passes through what shape, whose area formula is "one-half times base times height," whose interior angles add to 180 degrees, and which has three sides?

Answer: triangle

- 5) A portrait by Kehinde Wiley and a library in Hyde Park are among the legacies of what US president, who defeated John McCain and Mitt Romney in the elections of 2008 and 2012?

Answer: Barack Obama (accept Barack Hussein Obama II)

- 6) Apoda and Anura are orders of what class of organisms, which have a life cycle that begins in water and continues on land, and include salamanders, toads, and frogs?

Answer: amphibian

- 7) What Egyptian god is often depicted with green skin to show that he was killed by Seth and brought back to life by Isis as the god of the dead?

Answer: Osiris (accept Asar; accept Usire)

- 8) The Trent Affair concerned the British capture of diplomats for what country, whose only president was Jefferson Davis and which existed until it lost the US Civil War?

Answer: **Confederate** States of America (accept **Confederacy**; accept **CSA**)

- 9) A hexagon-shaped storm rages over the northern pole of what planet, whose moons include Enceladus and Titan, and which includes the Solar System's most extensive ring system?

Answer: **Saturn**

- 10) In what US state do Reggie Bullock, Maxi Kleber, Kyrie Irving, and Luka Doncic [don-chich] play for Mark Cuban's Mavericks, which are based in Dallas?

Answer: **Texas**

- 11) Name the Shakespeare play in which Polonius is accidentally killed in Queen Gertrude's chambers by her son, who wants to avenge the death of his father, the king of Denmark.

Answer: **Hamlet** (accept The Tragedy of **Hamlet**, Prince of Denmark)

- 12) What Impressionist painter often painted outdoor scenes near Giverny that show *Haystacks*, *Cypresses*, or an arched green bridge over a pond full of *Waterlilies*?

Answer: Claude Monet (accept Oscar-Claude **Monet** or Claude Oscar **Monet**; do not accept or prompt on "Manet")

- 13) The oldest examples of what objects were made by Croesus [kree-sus] of Lydia from electrum, an alloy of gold and silver that is easily minted?

Answer: **coin** (prompt on descriptions of "cash" or "money")

- 14) Name the novel in which Bertha Mason burns down Thornfield Hall after being locked in the attic by her husband, Edward Rochester, written by Charlotte Bronte.

Answer: **Jane Eyre**

15) What European country, whose cities include Lodz [wootch], Szczecin [stettin], and Gdansk [dansk], was partitioned by Russia three times and has its capital at Warsaw?

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

16) There are three classes of what type of simple machine, which are distinguished based on the positions of the force, the load, and the fulcrum?

Answer: **lever**

17) "1, 1, 2, 3, 5, 8" is the start of what sequence of numbers, named for an Italian, that are formed by adding the two previous numbers in the sequence?

Answer: **Fibonacci** numbers (accept **Fibonacci** sequence, etc.)

18) The equation "PV equals nRT" governs the behavior of what type of substance, which is often contrasted with a real gas?

Answer: **ideal gas** (accept **ideal gas** law; prompt on "gas" before it is read)

19) In an opera named for this musical instrument, Tamino plays a magical one. This instrument's smaller relative is the piccolo.

Answer: **flute** (accept The **Magic Flute**; accept Die Zauber**flote**)

20) In what novel does Sanson Carrasco pretend to be both the Knight of Mirrors and the Knight of the White Moon to help the protagonist stop pretending to be a knight, written by Miguel de Cervantes?

Answer: **Don Quijote** (accept The Ingenious Gentleman **Don Quijote** of La Mancha; accept El Ingenioso hidalgo **Don Quixote** de la Mancha)