

# Stateline Juniors 2024

## Game 8

### Buzz-In Round

- 1) What politician won a Pulitzer for the book *Profiles in Courage* and served as the thirty-fifth U.S. president until his 1963 assassination in Dallas?

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

- 2) Name the only species in the genus *Phascolarctos*, which depend on a eucalyptus diet on the southwest coasts of Australia. These marsupials are sometimes nicknamed for looking like bears.

Answer: **koala** (accept **koala** bear; accept *Phascolarctos* **cinereus**)

- 3) What kind of sound can be described as "open" or "closed," and include a neutral sound called a "schwa?" Diphthongs are combinations of these sounds, which are represented by the letters A, E, I, O, and U.

Answer: **vowel**

- 4) Name the fictional character played by Walker Scobell in a 2024 Disney+ show and by Logan Lerman in films subtitled *Sea of Monsters* and *The Lightning Thief*, which were based on books by Rick Riordan.

Answer: **Percy Jackson** (accept either underlined name; accept either underlined portion of **Perseus Jackson**; accept **Percy Jackson** and the Olympians; accept **Percy Jackson**: Sea of Monsters)

- 5) What organs are encased by pleurae and contain alveoli, small sacs at the end of bronchioles where these organs exchange carbon dioxide for oxygen so you can breathe?

Answer: **lungs**

- 6) What mythical realm contained the peaceful Asphodel meadows and the fields of Elysium, and was the site of punishment for Tantalus and other dead mythical Greeks who angered the gods?

Answer: **Hades** (accept **Greek underworld** before it is read; prompt on "underworld")

- 7) What country is home to coastal cities like Darwin, Perth, Adelaide, and Brisbane, as well as a sparsely populated interior desert called the Outback?

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

- 8) Name the Edgar Allan Poe short story in which a "vulture-eyed" man is killed by his housemate, who reveals his crime to the police when he thinks he hears the beating of the title organ under his floorboards.

Answer: The **Tell-Tale Heart**

- 9) What sculpture created by Frédéric Bartholdi on a frame designed by Gustave Eiffel was a gift from France after the American Civil War and holds a torch over New York Harbor?

Answer: **Statue of Liberty** (accept **Liberty Enlightening the World** or La **Liberté éclairant le monde**; prompt on "Liberty" or "Libertas")

- 10) The word "gradient" is another name for what mathematical property, which is found by complicated formulas like "x one minus x nought over y one minus y nought" or simpler ideas like "rise over run?"

Answer: **slope**

- 11) Name the Tchaikovsky ballet in which the characters of Odile and Princess Odette are usually performed by the same dancer, who wears black or white feathers to imitate the title bird.

Answer: **Swan Lake** (accept **Lebedinoye ozero**)

- 12) What subatomic particles obey the Pauli Exclusion Principle when they fill atomic orbitals? These negatively-charged particles are outside the nucleus, unlike neutrons or protons.

Answer: **electrons**

- 13) What title was last held by the father of Grand Duchesses Olga, Tatiana, Maria, and Anastasia? Nicholas II was the last holder of this imperial title before he was killed in the Bolshevik Revolution in Russia.

Answer: **tsar** (accept **czar**; accept **tsar** of Russia or Russian **tsar**)

14) What sport is played professionally by Nelly Korda, who won three straight tournaments in early 2024, starting with the LPGA Drive On Championship in a two-hole playoff?

Answer: **golf**

15) Name the novel in which Justine Moritz is falsely accused of murdering a little boy and Elizabeth Lavenza is killed by a monster created by her mad scientist husband, a work by Mary Shelley.

Answer: **Frankenstein** (accept **Frankenstein**; or, the Modern Prometheus)

16) What US state's coast includes South Padre Island, the port cities of Corpus Christi and Galveston, and a bay that stretches to the eastern suburbs of Houston?

Answer: **Texas**

17) Graupel is often called the "soft" form of what type of precipitation, which forms within upward currents in cumulonimbus clouds before crashing to the ground in sizes ranging from quarter to golf ball or larger?

Answer: **hail**

18) Name the novel by Robert Louis Stevenson in which Squire Trelawney finances a voyage on which Jim Hawkins and Long John Silver try to find Captain Flint's buried gold.

Answer: **Treasure Island**

19) Which US state's town of Virginia City was the site of the Comstock Lode, a major silver discovery in 1859? Virginia City is found between this state's cities of Reno and Carson City.

Answer: **Nevada**

20) What man, who published under pseudonyms like "Silence Dogood," published Poor Richard's Almanac in colonial Philadelphia, served as an early U.S. diplomat, and now appears on the \$100 bill?

Answer: Benjamin **Franklin**

## Volleyball Round

- 1) What term refers to a pair of angles whose measures add up to 90 degrees, often taught alongside the idea of supplementary angles, which add up to 180 degrees?

Answer: **complementary** angles

- 2) What American diplomat took the name "Rebecca" and married John Rolfe years after she legendarily defended John Smith during his captivity?

Answer: **Pocahontas** (accept **Matoaka**; accept **Amonute**; accept Rebecca **Rolfe** before "John Rolfe" is read, and prompt on "Rolfe" for **Rebecca** Rolfe after "John Rolfe" is read)

- 3) In the novel *Catch-22*, John Yossarian flies Army Air Corps planes in Italy during what international war?

Answer: **World War II** (accept **WW2**; accept **Second World War**; prompt on "World War")

- 4) In the 2023 season, what NFL team employed defensive players like Chris Jones and L'Jarius Sneed, wideout Rashee Rice, quarterback Patrick Mahomes, and noted Taylor Swift fan Travis Kelce?

Answer: **Kansas City Chiefs** (accept either or both names)

- 5) The Khwarezmian Empire was obliterated by a Mongol army led by what ruler? The burial site of this grandfather of Kublai Khan was purposely lost.

Answer: **Genghis** Khan (accept **Temujin**)

Note: According to legend, the men that buried Genghis were killed by soldiers, who were then killed by another group of soldiers, to conceal the burial grave.

- 6) What term describes an atom with an electric charge? This term can have the prefixes "C-A-T" or "A-N" to describe molecules with a positive or negative charge.

Answer: **ion** (accept **cation** or **anion**)

- 7) What game, to which ConcernedApe added the Squidfest fishing festival and the Meadowlands Farm in its version 1.6 update, is a farming RPG set in Pelican Town?

Answer: **Stardew Valley**

- 8) What word describes a surface for storing and mixing paint colors while a painter works, or the range of colors used in a piece of art?

Answer: **palette**

- 9) The albumen cushions a developing embryo that is fed by the nutrient-rich yolk inside what reproductive structures?

Answer: **egg** (accept **ovum** or **ova**; accept specific types like bird **eggs**)

- 10) Islands like Aruba and Jamaica are in what sea, whose northern and eastern boundaries are formed by the Greater and Lesser Antilles, island chains that include Grenada, Haiti, and Cuba?

Answer: **Caribbean** Sea

- 11) After a long voyage, Canadian sailor Ned Land finally persuades Pierre Aronnax to leave Captain Nemo and his submarine, the *Nautilus*, in what adventure novel by Jules Verne?

Answer: **Twenty Thousand Leagues Under the Sea** (accept **Twenty Thousand Leagues Under the Seas: A World Tour Underwater**; accept **Vingt mille lieues sous les mers**: Tour du monde sous-marin)

- 12) The Leonids and Perseids are two examples of what astronomical events in which small pieces of debris burn up in Earth's atmosphere, causing streaks of light across the sky?

Answer: **meteor shower** (accept **meteor burst**; accept **meteor outburst**; accept **meteor storm**)

- 13) Dodi Fayed and driver Henri Paul were killed in a 1997 car crash alongside what woman, the Princess of Wales and ex-wife of the then-Prince Charles?

Answer: Princess **Diana** (accept **Diana** Frances Spencer)

- 14) What major religion celebrates festivals like Maha Shivaratri and Diwali to celebrate deities like Lakshmi, Ganesha, and Shiva?

Answer: **Hinduism** (accept **sanatana** dharma)

- 15) What kind of animal is "burning bright / in the forests of the night" in a William Blake poem? One of these animals, Sher Khan, plots to kill Mowgli in *The Jungle Book*.

Answer: **tiger** (accept The **Tyger**)

## **Lightning Round**

The categories are...

- 1) Ruins Around the World
- 2) Animals in Norse Myth
- 3) Disney Sequels

## Ruins Around the World

Given clues about historical ruins, name the modern-day country in which those ruins can be found.

- 1) A Great Wall built during the Ming Dynasty.

Answer: China (accept People's Republic of China or PRC; accept Zhongguo or Zhonghua Renmin Gongheguo)

- 2) The Colosseum in Rome.

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

- 3) The Acropolis in Athens.

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

- 4) Stonehenge.

Answer: England (accept United Kingdom of Great Britain and Ireland; accept UK; accept Great Britain)

- 5) Chichen Itza, a Mayan site on the Yucatan Peninsula.

Answer: Mexico (or United Mexican States; accept Estados Unidos Mexicanos)

- 6) The Pueblo cliff dwellings of Mesa Verde.

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

- 7) Luxor, on the bank of the Nile.

Answer: Egypt (accept Arab Republic of Egypt; accept Misr or Masr; accept Jumhuriya Misr al-Arabiyyah; accept Gomhoreyet Masr el-Arabeyya)

- 8) Machu Picchu, the "Lost City of the Incas."

Answer: Peru (accept Republic of Peru; accept República del Perú)

- 9) Angkor Wat, built by the Khmer Empire.

Answer: Cambodia (accept Kingdom of Cambodia; accept Preăh Réachéanachâkr Kâmpŭchéa)

- 10) The Moai statues of Easter Island, in the southeast Pacific Ocean.

Answer: Republic of Chile (accept República de Chile)

## Animals in Norse Myth

Given examples of some animals in Norse myth, name the type of animal.

- 1) Fenrir, who bit off Tyr's hand.

Answer: wolf (accept Fenris wolf or Fenrir's wolf)

- 2) The common felines that pulled Freyja's chariot.

Answer: cat (accept common nicknames like kitty-cat or pussy-cat; accept Norwegian forest cat)

- 3) Huginn and Munin, the messengers of Odin.

Answer: **raven** (prompt on "bird;" prompt on "corvid")

- 4) Sleipnir, the steed of Odin.

Answer: **horse** (accept eight-legged **horse**)

- 5) Jormungandr, who encircled all of Midgard.

Answer: **snake** (accept World **Serpent**; accept Midgard **Serpent**; accept **dragon**; accept **wyrm**)

- 6) The predatory bird at the top of the World Tree, who has a hawk on his head.

Answer: **eagle**

- 7) Ratatoskr, a bushy-tailed rodent that lives in the World Tree.

Answer: **squirrel**

- 8) Nidhogg, a fictional animal that gnawed the roots of the World Tree.

Answer: **dragon** (accept **wyrm**; accept **serpent**; accept **snake**)

- 9) Heithrun, whose udder provides mead for the dead in Valhalla.

Answer: mountain **goat**

- 10) Gullinbursti, the steed of Freyr.

Answer: wild **boar** (accept wild **swine**; accept wild **pig**)

## Disney Sequels

Name the following Disney franchises based on the titles or subtitles of their sequels that weren't deemed worthy of a full release in theaters.

1) Buzz Lightyear of Star Command

Answer: **Toy Story**

2) Kronk's New Groove

Answer: The **Emperor's New Groove**

3) The Search for Christopher Robin

Answer: Winnie the **Pooh**

4) The Return of Jafar

Answer: **Aladdin**

5) Belle's Magical World

Answer: **Beauty and the Beast**

6) Around the World with Timon and Pumbaa

Answer: The **Lion King**

7) Return to the Sea, and Ariel's Beginning

Answer: The **Little Mermaid**

8) Mowgli's Story

Answer: The **Jungle Book**

9) Seventh Inning Fetch - a live action series

Answer: **Air Bud**

10) Zero to Hero - taken from a song in the original movie

Answer: **Hercules**

## Final Challenge

- 1) What holiday commemorates General Zaragoza's victory over the French at the Battle of Puebla in 1862, a springtime victory that is often confused with Mexican independence?

Answer: **Cinco de Mayo** (accept **Fifth of May** or **May Fifth**)

- 2) Name the novel in which Edward Ferrars and Colonel Brandon marry Elinor and Marianne Dashwood, a Jane Austen novel often compared with *Pride and Prejudice*.

Answer: **Sense and Sensibility**

- 3) What shape, for which the formula " $h$  times  $\pi$  times  $2r$ , plus  $2$  times  $\pi$  times  $r$  squared" will find the surface area, is a three-dimensional solid with two circular bases and is often visualized using a soup can?

Answer: **cylinder**

- 4) What battle, where surrender was offered by Charles O'Hara in place of the ill Lord Cornwallis, was the pivotal 1781 victory that ended the American Revolutionary War?

Answer: Battle of **Yorktown** (O'Hara, Cornwallis' second-in-command, offered his sword in surrender to George Washington, who instead pointed to his own second-in-command, Benjamin Lincoln.)

- 5) What kind of creatures were the mythical Brokkr and Sindi, who created the ring Draupnir and the hammer Mjølfnir for the gods Odin and Thor? In modern stories, these creatures are often short blacksmiths.

Answer: **dwarfs** (accept **dwarves**; accept **dvergr**)

- 6) What band, whose 2023 album *It's the End of the World but It's a Beautiful Day* includes the singles "Stuck" and "Seasons," is fronted by actor Jared Leto?

Answer: **Thirty Seconds to Mars**

- 7) What photoreceptor cells are nearly absent from the fovea at the back of the retina; help you see in low light; and are contrasted with cone cells?

Answer: **rods** (accept **rod** cells)

- 8) What city, which is home to both a bronze statue of the goddess Victoria atop a column in the Tiergarten and a quadriga atop the Brandenburg Gate near the Reichstag building, is the capital city of Germany?

Answer: **Berlin**

- 9) What kind of solid can be grown from a "seed" into a lattice with a regular and repeating structure, such as quartz, snowflakes, and diamond?

Answer: **crystals** (accept **crystalline solids**; prompt on "lattice" until it is read)

- 10) The cities of Brazzaville and Kinshasa lie on opposite banks of what second-longest river in Africa, a river that shares its name with both a "Republic" and a "Democratic Republic" on its banks?

Answer: **Congo** River (accept Nzâdi Kôngo) (Brazzaville and Kinshasa are, respectively, the names of those countries' capitals.)

- 11) A clarinet glissando opens a George Gershwin work of what type *in Blue*? Freddie Mercury sang "nothing really matters to me" in a song titled for a "Bohemian" version of this genre of music.

Answer: **rhapsody** (accept **Rhapsody in Blue**; accept **Bohemian Rhapsody**)

- 12) Name the American author who created a fictional Mississippi county for his novels *Absalom, Absalom!*, *As I Lay Dying*, and *The Sound and the Fury*.

Answer: William **Faulkner** (accept William Cuthbert **Faulkner**)

- 13) Name the Spanish Cubist painter who painted angular women in *Les Femmes d'Alger* and created *The Old Guitarist* during his "Blue Period."

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

- 14) What branch of mathematics comes in types like "hyperbolic" and "Euclidean," based on its rules for the behaviors of points, planes, and parallel lines?

Answer: **geometry**

15) "Striated," "smooth," and "cardiac" are the three main types of what body tissue that is connected by tendons to bones? Examples of this tissue include the biceps.

Answer: muscles

16) Name the American poet who included "When I Heard the Learn'd Astronomer" and "Song of Myself" in his only poetry collection, *Leaves of Grass*.

Answer: Walt Whitman (accept Walter Whitman)

17) Kirchhoff's laws explain the workings of what type of network, in which capacitors and resistors interact with an electric current traveling in a closed loop?

Answer: electrical circuit

18) What river, which creates the "big bend" of Big Bend National Park, is known as Rio Bravo del Norte in Mexico and by a name that translates as "Large River" in the US?

Answer: Rio Grande (accept Rio Bravo del Norte before mentioned)

19) What man approved the Reichstag Fire Decree in 1933, served as President of Germany for a decade between the two World Wars, appointed Adolf Hitler as Chancellor, and was the namesake of a zeppelin that tragically crashed in flames in 1937?

Answer: Paul von Hindenberg (accept Paul Ludwig Hans Anton von Beneckendorff und von Hindenburg)

20) Name the Shakespeare play in which Emilia gives Desdemona's strawberry-patterned handkerchief to Iago, who uses it to convince the title "Moor of Venice" that his wife has cheated on him.

Answer: Othello (accept The Tragedy of Othello, the Moor of Venice)