

Stateline Juniors 2025

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Round 9

Buzz-In Round

- 1) What last name was shared by the German linguist Jacob and his brother Wilhelm, who worked with him to record nineteenth-century fairy tales like "Snow White" and "Hansel and Gretel?"

Answer: **Grimm** brothers (accept Brothers **Grimm**; accept Jacob Ludwig Karl and/or Wilhelm Carl **Grimm**)

- 2) In chemistry, the behavior in what situation is explained by Le Chatelier's principle? This term describes a reaction where the forward and backward processes are at a balance, or generally a situation in which different forces balance each other out.

Answer: **equilibrium**

- 3) Phaethon was the son of what god, whose sacred cattle were eaten by Odysseus' men, the chariot-driving Greek god of the sun?

Answer: **Helios** (accept **Helius**)

- 4) What B-flat reed instrument was the soloist in a concerto written for Anton Stadler, plays a glissando near the beginning of Gershwin's *Rhapsody in Blue*, and often sits across from the flutes in a band?

Answer: **clarinet**

- 5) What U·S state is home to the White Sands Missile Range near Las Cruces, several tourist traps commemorating a supposed 1947 UFO crash near Roswell, and the cities of Santa Fe and Albuquerque?

Answer: **New Mexico**

- 6) What objects, which a tuning-fork diagram classifies into lenticular, elliptical, and spiral forms, are massive collections of stars such as the Milky Way?

Answer: **galaxies** (accept lenticular, elliptical, or spiral **galaxies**)

- 7) The Commonwealth of Independent States formed after the breakup of what country, where a 1991 coup d'etat failed after Boris Yeltsin climbed a tank in Moscow?

Answer: **Soviet Union** (accept **USSR**; accept **Union of Soviet Socialist Republics**; accept **СССР**; accept **Союз Советских Социалистических Республик**; prompt on "Russia")

- 8) What football-like sport, which includes defensive scoring plays called Callahans, may be played at the 2028 Olympics with frisbees? It shares its name with the most recently released entry in the Super Smash Brothers series.

Answer: **ultimate** (accept **Ultimate Frisbee**; accept Super Smash Bros. **Ultimate**)

- 9) What profession has a "gonzo" type performed by Hunter S. Thompson and a "yellow" type promoted by Joseph Pulitzer, who used sensationalism to sell the news?

Answer: **journalism** (accept word forms like **journalists**; accept **reporting**; accept **news** reporting before "news" is read; accept gonzo **journalism**; accept yellow **journalism**)

- 10) What kingdom of life can be fed by hyphae in systems of mycelia; includes puffballs and yeasts; and has members with gills under their caps, called mushrooms?

Answer: **fungus** (accept **fungi**)

- 11) What artist of *Viva la Vida Watermelons* and *The Broken Column* married Diego Rivera, is known for her many self-portraits, and has her works featured in a museum built in her Mexican home?

Answer: Frida **Kahlo** (accept Magdalena Carmen Frida **Kahlo** y Calderón)

- 12) What Canadian province, which controls Anticosti Island in the Gulf of Saint Lawrence, borders Newfoundland's portion of the Labrador Peninsula, New Brunswick, New England, and Ontario, and is a primarily French-speaking province?

Answer: **Quebec**

- 13) What American political family included Connecticut senator Prescott and Florida governor Jeb, as well as a CIA Director turned president and a Texas governor turned president, George H.W. and George W.?

Answer: **Bush** (accept Jeb, George W., and/or George H.W. **Bush**)

- 14) Name the novel in which "Laurie" Laurence gets married to Amy after being rejected by her sister Jo. This coming-of-age book about the four March sisters during and after the Civil War was written by Louisa May Alcott.

Answer: **Little Women**

- 15) What mathematical adjective describes the tangent graph's asymptotes, a pair of equal angles created on opposite sides of two intersecting lines, or the graph of the equation "x equals two"?

Answer: **vertical** (accept **vertical** asymptote, **vertical** angle, and/or **vertical** line)

- 16) What film series began with a 2000 Ridley Scott film that won Best Picture and earned Russell Crowe an Oscar, then was followed by a 2024 sequel starring Pedro Pascal and Paul Mescal as Roman warriors?

Answer: **Gladiator** (accept **Gladiator II**)

- 17) What Union city is where many militiamen were sent after the Battle of Gettysburg to put down a draft riot that forced its Black population from Manhattan to Brooklyn?

Answer: **New York** City (accept **NYC**)

- 18) Name the simple machine that can be combined to form a block-and-tackle system, and that is used to lift heavy loads by winding a cable over a wheel-and-axle.

Answer: **pulley**

- 19) Name the author who wrote about a creature that turns out to be a Boojum and about a boy who wields a "vorpal blade" in his poems "The Hunting of the Snark" and "Jabberwocky," the latter of which appeared in his sequel to *Alice's Adventures in Wonderland*.

Answer: Lewis **Carroll** (accept Charles Lutwidge **Dodgson**)

- 20) A construction firm in what industry sparked the Crédit Mobilier scandal by committing fraud in favor of Union Pacific executives, who oversaw the building of a transcontinental transportation project in the 1860s?

Answer: **rail** (accept **railroad** or **railway**; accept transcontinental **railroad**; accept **trains** or **train line**)

Volleyball Round

- 1) Operations Fortitude and Bodyguard prepared for what military operation, which included amphibious landings at Sword and Omaha beaches, and was a 1944 allied invasion of Normandy?

Answer: **D-Day** (accept **Operation Overlord**; accept **Operation Neptune**; accept descriptions like **Normandy** invasion or **Normandy** landings before "Normandy" is read)

- 2) Name the F. Scott Fitzgerald novel, narrated by Nick Carraway, in which many lavish Jazz Age parties are hosted by the title character.

Answer: The **Great Gatsby**

- 3) What collection of poetic short stories is narrated by pilgrims like the Miller and the Wife of Bath, and was written by Geoffrey Chaucer?

Answer: The **Canterbury Tales**

- 4) What region of the Earth has a solid inner section and a liquid iron-nickel outer section that sits below the mantle?

Answer: **core** (accept Earth's inner **core**; accept Earth's outer **core**)

- 5) What kind of creature is kicked by an attendant of the Infanta Margarita in Diego Velázquez's painting *Las Meninas*, which shows the mastiff type of these animals?

Answer: **dog** (accept **mastiff** before it is read)

- 6) What ancient Greek mathematician, who legendarily ordered the drowning of Hippasus for daring to suggest that irrational numbers existed, names a theorem relating the side lengths of right triangles?

Answer: **Pythagoras** of Samos

- 7) What process, the reverse of condensation, occurs when a liquid turns into a gas more slowly than it does during boiling?

Answer: **evaporation** (prompt on "vaporization")

- 8) What surname was shared by First Lady Dolley and President James, who lived in the White House when it was burned by the British during the War of 1812?

Answer: **Madison** (accept Dolley and/or James **Madison**)

- 9) What game, whose 2025 spinoff *Night-reign* features co-op play in Limgrave, is a 2022 Game of the Year winner by FromSoftware that is often described as "open world Dark Souls?"

Answer: **Elden Ring**

- 10) Devastating floods have given the nickname "China's Sorrow" to what colorfully named river, the second longest in China?

Answer: **Yellow** River (accept **Huang He**)

- 11) What objects does Jim Young purchase for his wife Della in O. Henry's twist-ending short story "The Gift of the Magi?"

Answer: **combs** (accept tortoiseshell **combs**; accept jeweled **combs**)

- 12) The model organism *Drosophila melanogaster* is what kind of insect whose eyes and wings were studied by geneticist Thomas Hunt Morgan?

Answer: **fruit fly** (accept **vinegar fly**; prompt on "fly")

- 13) What modern-day country was occupied in the Greater Wrath and the Lesser Wrath by Russia, which invaded from the east into towns like Helsinki?

Answer: **Finland** (accept Republic of **Finland**; accept **Suomi**)

- 14) Henry David Thoreau's 1854 book *Walden* begs for "any endeavour to cure" what ailment, which Pope Francis blamed on social media consumption? This condition, Oxford's 2024 Word of the Year, names a general trend of language that includes words like "rizz."

Answer: **brain rot**

- 15) In Jainism, ahimsa describes an extreme form of what practice? To uphold this practice, some Jains sweep the ground as they walk to avoid stepping on living creatures.

Answer: **non-violence** (prompt on "peacefulness")

Lightning Round

The categories are...

- 1) Lost Burial Sites
- 2) Aesop's Animals
- 3) Pop Music...or Popcorn Music?

Lost Burial Sites

Name the following famous historical figures whose burial sites are, for one reason or another, lost or unknown.

- 1) Grandfather of Kublai Khan and founder of the Mongol Empire.

Answer: Genghis Khan

- 2) Egyptian queen and lover of Marc Antony, who probably didn't die of a snakebite.

Answer: Cleopatra (accept Cleopatra VII Philopator)

- 3) "Great" Macedonian ruler who died in Babylon in 323 BCE.

Answer: Alexander the Great (accept Alexander III of Macedon)

- 4) Leader of the Huns who died of a nosebleed on his wedding night.

Answer: Attila the Hun

- 5) Austrian composer who died in 1791 before finishing his own *Requiem* mass.

Answer: Wolfgang Amadeus Mozart (accept Johannes Chrysostomus Wolfgangus Theophilus Mozart)

- 6) Renaissance inventor and artist of *Vitruvian Man*.

Answer: Leonardo da Vinci (accept either or both underlined parts)

- 7) Norwegian king whose runic initials are the logo for a modern wireless technology.

Answer: Harald Bluetooth

- 8) Fifteenth century Romanian ruler, nicknamed for executing people on stakes.

Answer: Vlad the Impaler (accept Vlad Tepes; accept Vlad Dracula; do not prompt on "Dracula")

- 9) Last emperor of the Inca, who was ransomed for rooms of silver and gold.

Answer: Atahualpa

- 10) Queen of the Iceni in ancient Britain, who revolted against the Romans in 60 CE.

Answer: Boudicca

Aesop's Animals

Name the following types of animals that feature in fables by Aesop.

- 1) Bird that laid golden eggs, inspiring an alliterative idiom.

Answer: golden **goose** (accept The **Goose** that Laid the Golden Eggs)

- 2) Reptile that wins a race against an arrogant hare.

Answer: **tortoise** (accept The **Tortoise** and the Hare; prompt on "turtle")

- 3) Animal that a boy "cried" in several false alarms, ruining his credibility.

Answer: **wolf** (accept The Boy Who Cried **Wolf**)

- 4) Mammal that can't reach some grapes, and calls them sour in protest.

Answer: **fox** (accept The **Fox** and the Grapes)

- 5) Insect who begs from an ant who actually worked to store food for the winter.

Answer: **grasshopper** (accept The Ant and the **Grasshopper**; accept **cicada**)

- 6) Big cat who is freed from hunters by a mouse he had previously spared.

Answer: **lion** (accept The **Lion** and the Mouse)

- 7) Type of mouse who visits the Country Mouse.

Answer: **Town** Mouse (accept The **Town Mouse** and the Country Mouse)

- 8) Clever bird that drops pebbles into a pitcher of water.

Answer: **crow** (accept The **Crow** and the Pitcher)

- 9) Amphibian who tries to inflate itself to be ox-sized.

Answer: **frogs** (accept The **Frog** and the Ox)

- 10) The forest animal that eats the vines it was hiding in.

Answer: **deer** (accept **stag**; accept **hart**; accept **hind**; accept The **Stag** and the Vine, etc.)

Pop Music...or Popcorn Music?

Given some clues about pop songs that include a food or beverage in the title, name the food or beverage. Sometimes I'll say "BLANK" you'll be filling in that blank; sometimes, the food is the whole title, and I'll just be describing the song.

- 1) The shortest Hot 100 hit of all time: "Steve's Lava BLANK."

Answer: chicken (accept Steve's Lava Chicken)

- 2) Coffee drink in a Sabrina Carpenter hit.

Answer: Espresso

- 3) Chappell Roan's "Red BLANK Supernova."

Answer: wine (accept red wine; accept Red Wine Supernova)

- 4) By Charli XCX, a fruit that "don't fall far from the tree."

Answer: Apple

- 5) Lainey Wilson's "BLANK Moonshine", or "BLANK Sugar" by Harry Styles.

Answer: watermelons (accept Watermelon Sugar and/or Watermelon Moonshine)

- 6) Breakfast food sold at a "House" in a Jonas Brothers song.

Answer: waffle (accept Waffle House)

- 7) A BTS #1 hit about being "smooth like" this condiment.

Answer: Butter

- 8) Blackpink's highest charting US single, a dessert-themed collab with Selena Gomez.

Answer: Ice Cream (do not accept or prompt on "cream")

- 9) Jimmy Buffett's "BLANK in Paradise."

Answer: cheeseburger (accept Cheeseburger in Paradise; prompt on "burger;" do not accept or prompt on "hamburger" or other types of burgers)

- 10) By Prince: "BLANK Beret."

Answer: raspberry (accept Raspberry Beret)

Final Challenge

- 1) What U·S city is home to Torrey Pines Natural Reserve, Balboa Park, and the most-visited zoo in the United States, just across the U.S. / Mexico border from Tijuana on the Pacific Ocean?

Answer: **San Diego**

- 2) What man, who joins Judas and Cassius in the maw of Lucifer at the end of *Inferno*, is asked "Et tu?" as he kills the title character in *Julius Caesar*?

Answer: Marcus Junius **Brutus**

- 3) What classification of natural things includes "phages," which replicate inside bacteria; "retro" ones that infect host cells with part of their genome; and a "corona" type that causes colds?

Answer: **virus** (accept retro**virus**; accept coronab**virus**)

- 4) What country, where the Tsavo man-eating lions complicated the building of the nineteenth century Uganda Railway, had its capital under British control at the port city of Mombasa until a 1907 move to Nairobi?

Answer: **Kenya**

- 5) What band, which created the film *Interstella 5·5·5·5* for their album *Discovery*, wore robot helmets and created songs like "Harder, Better, Faster, Stronger" and "Get Lucky?"

Answer: **Daft Punk**

- 6) What battle was immediately preceded by delivery of the Hull Note; had a third wave cancelled by Admiral Yamamoto; and failed to completely disable the U·S fleet in Hawaii in 1941?

Answer: attack on **Pearl Harbor**

- 7) What country is the home of writers Nadine Gordimer and Alan Paton, who wrote the novels *July's People* and *Cry, the Beloved Country* to describe the effects of its racist policies like Apartheid?

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

- 8) What political body, which was threatened by Guy Fawkes in the Gunpowder Plot, consists of the Houses of Commons and Lords, and is the main legislative body of the United Kingdom?

Answer: English **Parliament** (accept forms like **Parliament** of England or **Parliament** of the United Kingdom; accept **House of Commons** and/or **House of Lords** before "Commons" is read)

- 9) What piano piece, officially titled "Bagatelle Number Twenty-Five," opens with alternating E and D-sharp notes and is a Ludwig van Beethoven piece believed to be dedicated to a student?

Answer: **Für Elise**

- 10) What mathematical operation, which the gamma function extends to numbers other than positive integers, is calculated by multiplying the input number by every positive integer less than it, and is symbolized with an exclamation mark?

Answer: **factorial**

- 11) What astronomical objects, the "Eagle" one of which includes the Pillars of Creation, are interstellar clouds of gas and dust?

Answer: **nebulae**

- 12) What type of animal, in whose corpse Samson found honeybees, is a predator that threatened Daniel, who was thrown into a den of them?

Answer: **lions**

- 13) What man, who was murdered by Felix Yusupov's men, supposedly healed Alexei Romanov's symptoms of hemophilia as a "mad" Russian mystic?

Answer: Grigori **Rasputin** (accept Grigori Yefimovich **Rasputin**)

- 14) What element that violates the octet rule by being stable with six electrons is the lightest metalloid; sits above aluminum in Group Thirteen; and has atomic number five and symbol B?

Answer: **boron** (accept **B** before it is read)

- 15) What poem describes a "spell to make [rocks] balance" and describes apple and pine trees being separated by the title structure? This Robert Frost poem claims that "good fences make good neighbors."

Answer: **Mending Wall**

- 16) What term is used in graph theory as an alternative name for the nodes of a graph, in algebra as the minimum or maximum value of a graphed parabola, and in geometry as a point where two edges of a polygon meet?

Answer: **vertex** (accept **vertices**)

- 17) What figure is depicted holding an orb in *Salvator Mundi*, a Da Vinci portrait? He is also shown in Da Vinci's *Madonna of the Rocks* with John the Baptist, the angel Uriel, and his mother, Mary.

Answer: **Jesus Christ** (accept either underlined part)

- 18) What monarch, who was painted in a cotton chemise by Élisabeth Vigée Le Brun, was executed by guillotine in 1793, nine months after her husband, Louis the Sixteenth?

Answer: **Marie Antoinette** (accept **Maria Antonia** Josepha Johanna; prompt on partial answers)

- 19) What biome's "Alpine" type occurs above the Krummholz? This biome is characterized by inhibited tree growth due to cold, and it is often populated by lichens and reindeer.

Answer: **tundra** (accept Alpine **tundra**)

- 20) What character, who opens a cave full of treasure by saying "open sesame," is a protagonist in the *Thousand and One Nights* who battles forty thieves?

Answer: **Ali Baba** (accept **Ali Baba** and the Forty Thieves)