

Stateline Juniors 2025

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Round 3

Buzz-In Round

- 1) What "anti-fascist protection rampart" the site of the mural "My God, Help Me to Survive This Deadly Love," included Checkpoint Charlie and other crossing stations between West and East Germany?

Answer: Berlin Wall

- 2) What type of chemical, which is defined as a "proton donor" by Bronsted and Lowry, has examples like HCl found in the stomach, and can be used to neutralize a base?

Answer: acids

- 3) What ancient Greek character is recognized in Ithaca by his dog, Argos, when he returns home from the Trojan War, then rescues his wife, Penelope, from her rude suitors in an epic poem by Homer?

Answer: Odysseus

- 4) What state, where the Northwest Angle juts into Canada, is home to Duluth on the western tip of Lake Superior and the twin cities of Saint Paul and Minneapolis?

Answer: Minnesota

- 5) What American poet wrote "Crossing Brooklyn Ferry" and included the poems "When Lilacs Last in the Dooryard Bloom'd" and "Song of Myself" in his collection *Leaves of Grass*?

Answer: Walt Whitman (accept Walter Whitman)

- 6) What period of history, whose cause was investigated by the Pecora Commission, inspired the Glass-Steagall Banking Act of 1933, which sought to prevent a repeat of the 1929 stock market crash?

Answer: Great Depression (prompt on descriptions of the 1929 stock market crash, or Black Thursday and/or Tuesday, before it is read)

- 7) In ancient Greek theater, what group of performers spoke in unison to narrate or comment on a play's events? This term is now used for a group of singers who perform together.

Answer: Greek chorus (do not accept "choir")

- 8) What artist's two-part debut album, *I've Tried Everything But Therapy*, includes the songs "The Door" and "Lose Control?"

Answer: Teddy Swims (accept Jaten Collin Dimsdale)

- 9) What branch of science, whose modern father is often said to be Gregor Mendel, is the biological study of heredity as traits are passed through one's DNA?

Answer: **genetics**

- 10) What major religion observes the mournful holiday Tisha B'Av, a new year celebration called Rosh Hashanah, and the winter festival of lights Hanukkah?

Answer: **Judaism** (accept **Jewish** faith)

- 11) A town in what U.S. state gave its name to the devastating New Madrid earthquakes, which briefly sent the Mississippi River flowing backwards along its borders with Tennessee, Kentucky, and Illinois?

Answer: **Missouri**

- 12) What painting, which Marcel Duchamp gave a moustache and goatee in *L.H.O.O.Q.*, depicts the wife of Francesco del Giocondo with a subtle smile, and is a portrait by Leonardo da Vinci?

Answer: **Mona Lisa**

- 13) What regular polygon has twenty diagonals, interior angles that each measure 135 degrees, and a total of eight sides?

Answer: **octagon**

- 14) Name the composer who composed the *Goldberg Variations* to help a German nobleman sleep, and who wrote *The Well-Tempered Clavier* to help keyboardists practice preludes and fugues.

Answer: Johann Sebastian **Bach** (accept J.S. **Bach**)

- 15) What company, whose disappointed customers post on the subreddit r/cyberstuck [r slash cyber-stuck], saw its stock price dissolve in early 2025 as controversy embroiled its CEO, Elon Musk?

Answer: **Tesla** Motors

- 16) What object, whose craters include the "Sea of Tranquility," was explored by the Apollo missions, and is the only natural satellite of Earth?

Answer: Earth's **moon** (accept **Luna**)

- 17) What politician and war hero of the Battle of Tippecanoe delivered a two-hour-long inaugural address in 1841, then died after serving a month as president?

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

- 18) In 1912, Franz Reichelt died at what landmark while testing his makeshift parachute? This structure in the Champ de Mars was built for the 1889 World's Fair in Paris.

Answer: **Eiffel Tower**

19) What animals share the order Artiodactyla with the okapi, have two ossicones on the tops of their heads, and are native to Africa as the tallest living mammals?

Answer: **giraffe** (accept **okapi** if given before it is read)

20) What literary title characters plan to deploy the Formula 86 Delayed-Action Mouse-Maker to transform children into mice in a Roald Dahl novel named for them? This term generically describes women who use magic.

Answer: The **Witches**

Volleyball Round

- 1) What character smuggles 50 crates of dirt on the ship *Demeter*, is hunted by Abraham Van Helsing, and is a vampiric count who names a Bram Stoker novel?

Answer: Count **Dracula**

- 2) In geometry, what term describes rhombuses, parallelograms, trapezoids, and any shape that has four sides?

Answer: **quadrilateral**

- 3) What president, whose donation to the McDougals incited the Whitewater scandal, was impeached following the Monica Lewinsky affair and was president during the 1990s?

Answer: Bill **Clinton** (accept William Jefferson **Clinton**; accept William Jefferson **Blythe** III)

- 4) What country, where the 2010 eruption of Eyjafjallajökull disrupted air traffic between Europe and North America, lies just east of Greenland near the Arctic Ocean?

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

- 5) Madame Grape is the villain of what character's solo game Showtime, the ruler of the Mushroom Kingdom who is often saved by Mario?

Answer: Princess **Peach** (accept Princess **Toadstool**, accept Princess **Peach** Showtime, prompt on **Princess**)

- 6) The Treaty of Ghent ended what war, in which the British invaded and briefly captured Washington D.C. a few decades after losing the Revolution?

Answer: War of **1812**

- 7) An early example of what type of medicine was developed by Alexander Fleming when he refined penicillin to kill bacteria? Methicillin is another example of this type of medicine that certain strains of bacteria are resistant to.

Answer: **antibiotics**

- 8) The soccer clubs Sporting Kansas City and the Kansas City Current, as well as MLB's Kansas City Royals, are all partially owned by what current quarterback of the Kansas City Chiefs?

Answer: Patrick "Pat" **Mahomes**

- 9) What mountain is the legendary home of the cup-bearers Hebe and Ganymede, and of the children of Cronus and Rhea except for Hades?

Answer: Mount **Olympus** (accept **Olympos**)

- 10) What modern country is the home of playwright Henrik Ibsen and the setting of his play *Hedda Gabler*, which takes place in Kristiania before the city was renamed Oslo?

Answer: **Norway** (accept Kingdom of **Norway**; **Norge** or **Noreg**; accept Kongeriket **Norge**)

- 11) The artists of the Hudson River School were renowned for what type of painting? English masters of these artworks included John Constable, who painted Wivenhoe Park and an oil canvas of a hay wain in a stream by a field.

Answer: **landscape** painting

- 12) Leaders called doges ruled what "most serene" Italian city-state, which relied on naval power to protect its foreign trade and its domestic canals?

Answer: Republic of **Venice** (accept Most Serene Republic of **Venice**; accept Serenissima Repubblica di **Venezia**)

- 13) Anthracite, lignite, and bituminous are types of what black, carbon-based rock that is a common fossil fuel?

Answer: **coal**

- 14) Name the physical quantity that is conserved in both elastic and inelastic collisions and is equal to mass times velocity.

Answer: **momentum** (accept linear **momentum**)

- 15) What kind of animal is the actual killer in Edgar Allan Poe's "The Murders in the Rue Morgue?" In the story, detective C. Auguste Dupin discovers that a Bornean one of these primates killed Madame L'Espanaye and her daughter.

Answer: **orangutan** (prompt on "ape" or "monkey")

Lightning Round

The categories are...

- 1) Mostly Scientific Units
- 2) Owners of Mythical Objects
- 3) Fast Food Secret Menus

Mostly Scientific Units

Given the following scientific units, name or describe what they measure. For example, if I said "mile," you'd say "distance" or "length." Answers may repeat.

- 1) Degrees Celsius or Fahrenheit.

Answer: **temperature**

- 2) Kilograms or pounds; we aren't picky this time.

Answer: **mass** (accept **weight**)

- 3) A jiffy, equal to about a millisecond.

Answer: **time**

- 4) Acres or hectares.

Answer: **area**

- 5) Decibels.

Answer: sound **volume** (accept sound **intensity**; accept sound **loudness**; prompt on "sound")

- 6) Atmospheres, as measured by a barometer.

Answer: **pressure** (accept air **pressure**)

- 7) A light-year.

Answer: **distance** (accept **length**)

- 8) Ohms, in electrical circuits.

Answer: **resistance**

- 9) A barn, equal to 100 square femtometers.

Answer: **area**

- 10) A mole, as in the definition of Avogadro's number.

Answer: **amount** of something

Owners of Mythical Objects

Name the god or goddess who owned some mythical weapons and tools.

- 1) Chief Greek god who wielded thunderbolts.

Answer: **Zeus** (accept **Zeus** Pater)

- 2) Norse owner of the hammer Mjollnir.

Answer: **Thor** (accept **Donar**)

- 3) Greek hunter goddess who wielded a bow.

Answer: **Artemis**

- 4) Norse beauty goddess who owned the necklace Brisingamen.

Answer: **Freyja** (do not accept or prompt on "Frey," "Frigg," or "Frigga")

- 5) Egyptian death god who held a crook and flail.

Answer: **Osiris** (accept **Asar**; accept **Usire**)

- 6) Greek goddess who owned the Aegis shield.

Answer: **Athena** (accept Pallas **Athena**; accept **Athene**)

- 7) Wise Norse owner of the spear Gungnir.

Answer: **Odin** (accept **Wotan**)

- 8) Greek owner of the caduceus and a winged hat.

Answer: **Hermes**

- 9) Norse fertility god who owned the ship Skithblathnir.

Answer: **Freyr** (do not accept or prompt on "Freyja," "Frigg," or "Frigga")

- 10) Irish hero who owned the spear Gáe Bulg.

Answer: **Cú Chulainn** (accept **Sétanta**)

Fast Food Secret Menus

Name the following restaurant chains based on things you could order from their secret menu... if they had a secret menu.

- 1) The McTen Thirty-Five, an Egg McMuffin with a burger patty

Answer: **McDonald's**

- 2) The Whopper Senior, with an extra patty

Answer: **Burger King**

- 3) A Cheesy Gordita Crunch with the Doritos shell; now on the real menu!

Answer: **Taco Bell**

- 4) Special Blizzard desserts, like tiramisu or puppy chow

Answer: **Dairy Queen** (accept **DQ**)

- 5) The Cube, a burger with four square patties

Answer: **Wendy's**

- 6) The Meat Mountain - mostly roast beef, best with curly fries

Answer: **Arby's**

- 7) A Chicken Parm, footlong, toasted, on Italian Herbs and Cheese bread

Answer: **Subway**

- 8) Trenta-sized Cotton Candy Frappuccino

Answer: **Starbucks**

- 9) The Peanut Butter ShackBurger

Answer: **Shake Shack**

- 10) Animal Style burgers and fries, invented in California

Answer: **In-n-Out**

Final Challenge

- 1) What country was home to the authors of "Rashomon" and *The Wind-Up Bird Chronicle*; respectively, Ryunosuke Akutagawa and Haruki Murakami, who was born in Kyoto?

Answer: **Japan** (accept **Nihon**-koku or **Nippon**-koku)

- 2) What goddess, the sister of Nephthys and Set, was a powerful magic user who re-assembled the parts of her brother-husband, Osiris, to make him the Egyptian god of death?

Answer: **Isis** (accept **Ase**; accept **Wusa**)

- 3) What plant structures are called "naked" in gymnosperms, originate as ovules in the ovaries of plants, and are often contained in fruits that help them grow into new plants?

Answer: **seeds**

- 4) Name the ballet in which a little girl watches the dances of Mother Ginger and the Sugar Plum Fairy after she receives the title toy, a work by Tchaikovsky traditionally performed at Christmas.

Answer: The **Nutcracker** (accept **Shchelkunchik**)

- 5) The Battle of Issus was won by what son of Philip II, a Macedonian ruler who conquered Persia, fought his way into India in the 4th century BCE, and was accordingly called "the Great?"

Answer: **Alexander** the Great

- 6) What novel tells about Bard saving Dale from Smaug, a dragon who occupies the Lonely Mountain home of the dwarves, and is a J.R.R. Tolkien novel about the adventures of Bilbo Baggins?

Answer: The **Hobbit**, or There and Back Again

- 7) What type of disaster was made more deadly because Max Blanck and Isaac Harris locked exits on the high floors of the Asch Building, where they operated the Triangle Shirtwaist Factory?

Answer: **fire** (accept Triangle Shirtwaist Factory **fire**)

- 8) In what movie, in which Natalie and the garbage-man Garrett use Elytras and are saved by a water bucket, do monsters from the Nether attack an Overworld inhabited by Jack Black's character, Steve?

Answer: A **Minecraft** Movie

- 9) What planet has contained cloud formations called Scooter and the Great Dark Spot, is orbited by the moon Triton, and is the eighth planet from the sun?

Answer: **Neptune**

- 10) What mathematical operation, also called the modulus or magnitude, has a parent graph that is a V-shape and returns the positive value of a number, even if the input is negative?

Answer: **absolute value**

11) The 1979 Ixtoc I [ish-tok "one"] oil spill took place in what body of water's Bay of Campeche, just west of the Yucatan Peninsula?

Answer: **Gulf of Mexico**

12) What city, where the Lotte World Tower is the sixth-tallest building in the world, is the largest city on the Han River and is the capital of South Korea?

Answer: **Seoul**

13) What subatomic structure, whose "planetary model" was proposed by Niels Bohr, is a concentrated glob of protons and neutrons at the center of an atom?

Answer: atomic **nucleus**

14) What literary genre titles a book addressed to Kitty about moving to the Achterhuis, kissing Peter van Pels, and other events in the day-to-day life of Anne Frank?

Answer: **diary** (accept **journal**; accept The **Diary of a Young Girl**; accept The **Diary** of Anne Frank; prompt on "nonfiction;" prompt on "autobiography")

15) What country's namesake revolution included a Committee of Public Safety that carried out the Reign of Terror against the Girondins and other opponents of Maximilien Robespierre?

Answer: **France** (accept **French** Revolution)

16) What U.S. state's colonial towns included Braintree, which was the birthplace of John Adams, and a town where nineteen people were hanged in the 1690s during the Salem Witch Trials?

Answer: Massachusetts

17) What geometric object, one of which is placed "at infinity" to create the real projective line, is a zero-dimensional object found in infinitely many places along a line?

Answer: point

18) Name the American poet who read her poem "On the Pulse of Morning" at Bill Clinton's first inauguration, and used the first line of another of her poems to title her first memoir, *I Know Why the Caged Bird Sings*.

Answer: Maya Angelou (accept Marguerite Annie Johnson)

19) What art movement, with which Berthe Morisot and Pierre-Auguste Renoir exhibited their artwork, became named for a painting of a sunrise created by Claude Monet?

Answer: Impressionism (accept word forms like Impressionist movement)

20) What man-made structures, the artesian type of which doesn't use a pump, can be used to draw up water from the ground?

Answer: well (accept artesian well)