

Stateline Juniors 2025

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Round 8

Buzz-In Round

- 1) What European country is divided into sixteen states, including Thuringia, Lower Saxony, Brandenburg, Bavaria, and the city-states of Hamburg and Berlin?

Answer: Germany (accept Federal Republic of Germany; accept Bundesrepublik Deutschland)

- 2) What painting, named for the window style in its central Dibble House, is a Grant Wood portrait featuring a man holding a pitchfork?

Answer: American Gothic

- 3) A precursor to vaccination called variolation was used to prevent what disease, caused by the variola virus, that presents with blistering rashes but was eradicated worldwide in 1980?

Answer: smallpox

- 4) Name the composer who adapted Friedrich Schiller's poem "Ode to Joy" for his *Choral* ninth symphony, and who wrote the piano pieces "Moonlight Sonata" and "Für Elise."

Answer: Ludwig van **Beethoven**

- 5) Name the Russian author who wrote about a man who fatally injures himself hanging curtains in "The Death of Ivan Ilyich," and about a noblewoman who throws herself under a train in *Anna Karenina*.

Answer: Leo **Tolstoy** (accept Lev Nikoleyevich **Tolstoi**)

- 6) What Youtuber was targeted by DogPack 404, founded TeamTrees and TeamSeas, and is the most subscribed individual on YouTube?

Answer: **MrBeast** (accept Jimmy **Donaldson**)

- 7) What natural objects, which can have light and dark stripes called ogives, create moraines through their motion? During calving, icebergs can break off of these land-based ice sheets.

Answer: **glaciers**

- 8) What American colony expelled Anne Hutchinson for heresy, after which she went to modern Rhode Island? The *Mayflower* landed in what became this colony at Cape Cod.

Answer: **Massachusetts** (accept **Massachusetts** Bay Colony)

- 9) What polygon, whose interior angles add up to 720 degrees, has three diameter-spanning diagonals connecting its six total vertices?

Answer: **hexagon**

- 10) What mythical animal was put to sleep by the Cumaean Sibyl so that Aeneas could enter the underworld? This guard dog had three heads and protected the realm of Hades.

Answer: **Cerberus** (accept **Kerberos**)

- 11) What term describes the genre of poems like the *Ramayana* and the *Odyssey*? This term describes very long poems that tell heroic stories.

Answer: **epic** poetry

- 12) What structures, whose early examples can be found in Saqqara near Memphis, were designed by architects like Imhotep as burial tombs for Djoser and other pharaohs?

Answer: **pyramids** (accept **pyramids of Giza**; prompt on more general terms like "tomb," "necropolis," or "burial place")

- 13) What city, where Paycor Stadium and the Great American Ball Park lie across from Kentucky on the north bank of the Ohio River, is the third-largest city in Ohio, behind Columbus and Cleveland?

Answer: **Cincinnati**

14) What simple machine, which comes in three classes based on the positioning of the resistance, weight, and fulcrum, is exemplified by a crowbar or a seesaw?

Answer: **lever**

15) What video game series, the subject of a 2022 hack and leak by a London teenager, is set to release its sixth installment in 2025 with a return to the Florida-inspired "Vice City?"

Answer: **Grand Theft Auto** (accept **GTA**; accept **Grand Theft Auto 6**; accept **GTA 6**)

16) Name the modern country where Rudyard Kipling was born during the British Raj, and where he set a children's book about Bagheera and Baloo, a panther and a bear, named *The Jungle Book*.

Answer: **India** (accept Republic of **India**; accept **Bharat** Ganrajya)

17) West Frisian is a semi-official language in what country, where the primary language of Dutch is spoken in Amsterdam?

Answer: the **Netherlands** (accept **Holland**; accept **Nederland**)

18) What physical quantity, which is symbolized Q, can be measured for a chemical reaction in a calorimeter by studying the change in temperature?

Answer: **heat**

19) What island, where members of a "birdman" cult among the Rapa Nui traditionally raced to a nearby islet to collect a sooty tern egg, is home to hundreds of large stone heads called moai, over 2,000 miles west of Chile?

Answer: **Easter** Island

20) What title literary character infiltrates a ball hosted by Prince Prospero in a short story by Edgar Allan Poe and walks through six multi-colored rooms before he kills all of the partygoers?

Answer: Red **Death** (accept The **Masque of the Red Death**)

Volleyball Round

- 1) The tomb of Qin Shi Huangdi, located in what is now Shaanxi province, was protected by rivers of liquid mercury and thousands of soldier statues created out of what earthenware material?

Answer: **terracotta** (prompt on "clay")

- 2) The inverse operation of the logarithm is what mathematical process, written with a superscript, that is equivalent to repeated multiplication?

Answer: **exponentiation**

- 3) Name the Norse god who dressed himself as Freyja so that he could go to Thrym's home and retrieve his hammer, Mjollnir.

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

- 4) The controversial Executive Order 9066 discriminated against what ethnic group by creating internment camps to imprison them in America during World War II?

Answer: **Japanese**-Americans

- 5) Dolly Parton declined to cuss, instead singing the radio-friendly line "I beg you, don't embarrass me like the others," while joining what singer for a bonus version of her 2024 hit single "Please Please Please?"

Answer: Sabrina **Carpenter**

- 6) Name the novel in which the title doctor travels to Lilliput, a land populated by six-inch-tall people, and Brobdingnag, a land full of giants, written by Jonathan Swift.

Answer: **Gulliver's Travels** (accept **Travels into Several Remote Nations of the World. In Four Parts. By Lemuel Gulliver, First a Surgeon, and then a Captain of Several Ships**)

- 7) Aqua regia, a liquid that can dissolve gold, is a mixture of nitric acid and the single-proton acid of what halogen element, whose atomic symbol is Cl?

Answer: **chlorine** (accept **hydrochloric** acid)

- 8) What cell organelle uses its highly acidic internal lumen to break down waste inside the cell?

Answer: **lysosome**

- 9) Jacqueline du Pré, Pablo Casals, and Yo-Yo Ma all famously played what string instrument, which is the largest instrument in a standard string quartet but still smaller than a double bass?

Answer: **cello** (accept violon**cello**)

- 10) What show's protagonist declares "I've played these games before!" in its second season, and features 456 players playing deadly children's games like red light, green light?

Answer: **Squid Game** (accept **Squid Game** Season Two)

11) What food names a Lorraine Hansberry play about the Younger family's move to an all-white neighborhood? A line in Langston Hughes' "Harlem" asks if a "dream deferred" dries up like this fruit "in the sun."

Answer: raisins (accept A Raisin in the Sun)

12) The idea of focusing on "socialism in one country" was promoted by what early Soviet politician who succeeded Vladimir Lenin as Premier?

Answer: Joseph Stalin (accept Joseph Vissarionovich Stalin; accept Iosif Dzhugashvili)

13) The Sahel is a savanna region just south of what desert, which spans from Morocco and Mauritania to Egypt and Sudan?

Answer: Sahara Desert

14) Pallas, Vesta, and Ceres are among the largest objects within what region of space, found between Mars and Jupiter, that contains many small rocky bodies?

Answer: asteroid belt

15) Name the novel by Alexandre Dumas that makes up the third section of *The Vicomte of Bragelonne*, the sequel to *The Three Musketeers*. In this work, the musketeers try and fail to replace Louis the Fourteenth with the title French prisoner, his twin.

Answer: The Man in the Iron Mask (accept L'Homme au masque de fer)

Lightning Round

The categories are...

- 1) Revolutions
- 2) Numbered Symphonies
- 3) Namesakes of Bowl Games

Revolutions

Given a year in which a revolution started and some extra clues, name the modern-day country where the revolution took place.

- 1) 1776: began with the Battles of Lexington and Concord.

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

- 2) 1916: the Easter Rising starts in Dublin.

Answer: **Ireland** (do not accept or prompt on United Kingdom)

- 3) 1917: the February Revolution, in which the Romanovs lost power.

Answer: **Russia** (do not accept Soviet Union)

- 4) 1899: the Boxer Rebellion breaks out in Shandong.

Answer: **China** (accept People's Republic of **China**; accept **PRC**; accept **Zhongguo**)

- 5) 1830; an audience in Brussels leaves an opera and joins a mob.

Answer: **Belgium**

- 6) 1848; a barricade is built in Stockholm during the March Unrest.

Answer: **Sweden**

- 7) 1848; rebels try to take over the island of Sicily.

Answer: **Italy**

- 8) 1848; the July Monarchy falls and Louis-Philippe abdicates.

Answer: **France**

- 9) 1848; seven of its cantons break away in the Sonderbund War.

Answer: **Switzerland**

- 10) 1913; Francisco Madero is killed in the Ten Tragic Days.

Answer: **Mexico**

Numbered Symphonies

Given a description of a symphony, its composer, and maybe an extra clue, give the number of each of the following symphonies. If the answer is "Symphony Number 1," you can say "One" or "First Symphony," doesn't matter. Note - answers may repeat.

- 1) Opens with a "short-short-short-LONG" motif, by Beethoven.

Answer: **5** (accept **fifth**)

- 2) *Choral*, the last by Beethoven.

Answer: **9** (accept **ninth**)

- 3) Mendelssohn's *Scottish*, and the number of performers in a piano trio.

Answer: **3** (accept **third**)

- 4) Mendelssohn's *Italian*, and the number of movements it has.

Answer: **4** (accept **fourth**)

- 5) Tchaikovsky's *Pathetique*, and the number of players in a sextet.

Answer: **6** (accept **sixth**)

- 6) Schubert's *Unfinished*, and the number of white piano keys in an octave.

Answer: **8** (accept **eighth**)

- 7) Haydn's *Letter V*; also the number of keys on a standard piano.

Answer: **88** (accept **eighty-eighth**)

- 8) Anton Bruckner's "nullified" symphony, and the number of notes played in John Cage's 4'33".

Answer: **0** (accept **zeroth**)

- 9) *From the New World* by Dvorak.

Answer: **9** (accept **ninth**)

- 10) *Jupiter*, the last by Mozart.

Answer: **41** (accept **forty-first**)

Namesakes of Bowl Games

College football's end-of-season bowl games have had increasingly weird sponsorships over the years. Name the following companies, products, or brands based on their past and present bowl game tie-ins.

- 1) Sony game console that used to sponsor the Fiesta Bowl.

Answer: Sony **Playstation** (accept if given with any number 1-5)

- 2) Frito-Lay tortilla chip that used to sponsor the Fiesta Bowl.

Answer: **Tostitos**

- 3) Cryptocurrency that somehow sponsored the St. Petersburg Bowl.

Answer: **Bitcoin**

- 4) Frosted Flakes mascot that sponsors the Sun Bowl himself.

Answer: **Tony** the Tiger

- 5) Square cheese cracker that sponsors the Citrus Bowl.

Answer: **Cheez-Its**

- 6) Fast food chicken chain, a "Louisiana Kitchen" that sponsored the Bahamas Bowl.

Answer: **Popeyes** Louisiana Kitchen

- 7) Australia-themed steakhouse that sponsored a bowl until 2022.

Answer: **Outback** Steakhouse

- 8) Staple crop that sponsors a "Famous Idaho" Bowl.

Answer: **potatoes**

- 9) Car parts retailer and Liberty Bowl sponsor that tells players to "Get in the Zone" – the end zone.

Answer: **AutoZone**

- 10) Condiment, produced by Duke's, that is disgustingly poured over the winning coach.

Answer: **mayonnaise**

Final Challenge

- 1) What tri-atomic gas is the subject of the Montreal Protocol, which banned CFCs to help repair an ultraviolet-blocking atmospheric layer of this gas with formula O₃?

Answer: ozone (accept O3 before it is read)

- 2) The mnemonic "HOMES" can be used to remember the five names in what geographic list, whose sixth member is sometimes said to be Lake Champlain, and whose largest member is Lake Superior?

Answer: Great Lakes

- 3) Name the American author who created the fictional author Kilgore Trout and a soldier who becomes "unstuck in time," Billy Pilgrim, in the novels *Breakfast of Champions* and *Slaughterhouse-Five*.

Answer: Kurt Vonnegut, Jr.

- 4) What modern country is the origin of a religion whose "Book of the Way" was written by Laozi? This country's Daoism is represented by the yin and yang symbol.

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

- 5) Name the historical leader who was sculpted by Edmonia Lewis, slumped in her throne after her defeat at the Battle of Actium, wearing the snake crown that represents her rulership of Egypt.

Answer: **Cleopatra** (accept The **Death of Cleopatra**; accept **Cleopatra VII Philopator**)

- 6) What country is divided into autonomous communities like Cantabria, Galicia, Andalusia, and Catalonia, the last of which has a strong independence movement that seeks a new country led from Barcelona?

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

- 7) What name is shared by a modern inland Virginia city and a coastal Virginia settlement, founded by Sir Walter Raleigh, which left behind the word "CROATOAN" when its colonists disappeared in the 1580s?

Answer: **Roanoke**

- 8) What team's general manager, Rob Pelinka, originally thought Nico Harrison was joking when Harrison offered to give this team Luka Doncic? Doncic was traded for Anthony Davis, who had won the 2020 NBA title with this team alongside LeBron James.

Answer: Los Angeles **Lakers** (prompt on "LA" or "Los Angeles")

- 9) Name the early Japanese novel in which Lady Aoi and Lady Fujitsubo have relationships with the title "shining" prince, written by Murasaki Shikibu.

Answer: The **Tale of Genji** (accept **Genji Monogatari**)

10) Two of what natural features named Juan de Fuca and Nazca make up the lithosphere along the west coast of the Americas? These natural features are moving pieces of the earth's crust.

Answer: tectonic **plates**

11) What number of degrees is equal to pi radians, is the size of a straight angle, and is the sum of all three internal angles in a triangle?

Answer: **180** degrees

12) What man, whose leg is on display at the Illinois State Military Museum, led the massacres at Goliad and a San Antonio mission called the Alamo?

Answer: Antonio López de **Santa Anna** (accept Antonio de Padua María Severino López de **Santa Anna** y Pérez de Lebrón)

13) Name the English author who wrote "My mistress' eyes are nothing like the sun" in one of the many Elizabethan sonnets he wrote when he wasn't busy with plays like Romeo and Juliet.

Answer: William **Shakespeare**

14) What location, found near Groom Lake east of Yucca Flat, is an Air Force facility in the Nevada Test and Training Range that probably doesn't store UFO remains?

Answer: **Area 51**

15) What prokaryotes are contrasted with archaea, are consumed by viruses called "phages," and are treated with antibiotics?

Answer: **bacteria**

16) What 1862 battle, where fighting focused on Dunker Church and a bridge taken by Ambrose Burnside, was the deadliest single day in American history and convinced Abraham Lincoln to issue the Emancipation Proclamation?

Answer: Battle of **Antietam**

17) What conic section has eccentricity greater than one and is split into two U-shaped segments, unlike the one U-shaped segment seen in a parabola?

Answer: **hyperbola**

18) Name the memoir by Elie Wiesel that describes his experiences in Auschwitz during the Holocaust, and precedes the books *Dawn* and *Day*.

Answer: **Night**

19) What set of violin concertos from *The Contest Between Harmony and Invention* was written by Vivaldi to depict birds, thunderstorms, and other natural elements of Spring, Summer, Fall and Winter?

Answer: The **Four Seasons** (accept Le **quattro stagioni**; do not accept or prompt on "The Seasons" alone)

20) What modern country was the home of the ancient Greek astronomer who wrote the *Almagest*, Ptolemy, who lived in Alexandria in the delta of the Nile river?

Answer: **Egypt** (accept Arab Republic of **Egypt**; accept **Misr** or **Masr**; accept Jumhuriya **Misr** al-Arabiyah; accept Gomhoryet **Masr** el-Arabeyya)