

Stateline Juniors 2025

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Round 10

Buzz-In Round

- 1) What battle, whose preparatory fighting took place at Ligny and Quatre-Bras, turned after von Blucher's forces joined the Duke of Wellington to defeat Napoleon for the final time in 1815?

Answer: Battle of Waterloo

- 2) What deity, who transformed Acteon into a stag, is the twin of Apollo and the Greek goddess of the hunt?

Answer: Artemis

- 3) What group of elements, whose most recent discovery is arguably oganesson, feature full valence shells, making them particularly inert? Elements in this group include xenon, neon, and helium.

Answer: noble gases (accept Group **18** of the periodic table; accept inert gases before "inert" is read)

Note: Oganesson is "arguably" a noble gas because it would probably be a solid at room temperature...if it could exist at room temperature.

- 4) What modern country was the birthplace of the author Jonathan Swift, who wrote about England oppressing this country's Catholics in cities like this country's capital, Dublin?

Answer: **Ireland** (accept **Eire**; accept Republic of **Ireland** or Poblacht na h**Éireann**; accept **Irish** Free State; do not accept or prompt on "Northern Ireland")

- 5) What scandal, which Archibald Cox was appointed to investigate, began with G. Gordon Liddy's plan to wiretap D·N·C headquarters and developed into a cover-up that forced the resignation of Richard Nixon?

Answer: **Watergate** scandal

- 6) What dance style inspired music like "Tales from the Vienna Woods" and "On the Beautiful Blue Danube?" The younger Johann Strauss was the "King" of this three-four ballroom dance.

Answer: **waltzes** (accept **valse**s; accept Viennese **waltzes**)

- 7) Graphically, what feature is found for the sine function for inputs of every integer multiple of pi? A vertical parabola can have up to two of these features, where the graph intersects the horizontal axis.

Answer: **x-intercept** (accept descriptive answers of "points where the graph **intercepts the x-axis**"; prompt on "root" or "zero" or "solution" by asking the player "prompt; what does that look like graphically?")

- 8) What concept's "transformational generative" type was studied in linguist Noam Chomsky's book *Syntactic Structures*, and describes the rules of a language's structure?

Answer: **grammar**

- 9) What Canadian province, home of a suspension bridge that connects Windsor with Detroit, Michigan, is Canada's most populous province, thanks to cities like Ottawa and Toronto?

Answer: **Ontario**

- 10) What class of living things developed from Permian-era cynodonts, and contains animals that produce milk and have hair, such as dogs, whales, and humans?

Answer: **mammal** (accept **mammalia**)

- 11) What 2024 film, which features cameos from Stephen Schwartz, Kristin Chenoweth, and Idina Menzel, will be followed by a second part subtitled "For Good," in which Cynthia Erivo and Ariana Grande star as aspiring witches in Oz?

Answer: **Wicked**

- 12) Name the black-and-white painting in which a lightbulb explodes over a horse pierced by a blade and a woman cradles the body of a dead child to represent the bombing of the title Basque town, created by Pablo Picasso.

Answer: **Guernica**

- 13) Charles Baudelaire wrote a poetry collection titled for what things "of Evil?" Daniel Keyes wrote about these things "for Algernon," and Robert Burns described one of them in "My Love is like a Red, Red Rose."

Answer: **flowers** (accept The **Flowers of Evil**; accept Les **fleurs** du mal; accept **Flowers for Algernon**)

- 14) What shape, according to Kepler's first law, is the shape of planets' orbit around the sun? This shape has eccentricity between zero and one, and looks like a stretched circle.

Answer: **ellipse**

- 15) What U·S state is where the Elizabeth and James Rivers empty into Hampton Roads, a channel near cities like Newport News, Norfolk, Williamsburg, and Yorktown?

Answer: **Virginia**

- 16) In 2028, sport climbing, surfing, and what action sport will become "core" Olympic sports? Skills in this sport include the ollie, the kickflip, and the nine-hundred, the last of which was mastered by Tony Hawk.

Answer: **skateboarding**

- 17) What U·S state names a scandalous "gang" of advisors of Warren Harding, one of seven presidents born there? This state's current governor, Mike DeWine, governs from Columbus.

Answer: **Ohio**

- 18) Thornfield Hall burns in what novel, whose protagonist declares "Reader, I married him" about Mr. Rochester? This novel about a title governess was written by Charlotte Bronte.

Answer: **Jane Eyre**

- 19) Name the scientist whose namesake effect causes blue- and red-shift because the frequency of waves changes as their source moves towards or away from an observer, as exemplified by distorted ambulance sirens.

Answer: Christian **Doppler** (accept Christian Andreas **Doppler**; accept **Doppler** effect)

20) What military structures give their name to a painful condition caused by immersion of feet in standing water, an ailment that afflicted many World War I infantrymen?

Answer: **trenches** (accept **trench** foot)

Volleyball Round

- 1) What character, whose rival was the "Unknown" in an unauthorized Glasgow "experience," is a fanatic chocolatier played by Timothee Chalomet in a namesake movie and was created by Roald Dahl?

Answer: Willy Wonka (accept either underlined name, accept Willy's Chocolate Experience, accept Willy Wonka and the Chocolate Factory)

- 2) What molecule's double-helix structure was imaged by the crystallography team of Rosalind Franklin and confirmed by Watson and Crick in 1952?

Answer: DNA (accept deoxyribonucleic acid)

- 3) In what Jane Austen novel do Elinor and Marianne Dashwood learn to find balance in their lives even though they start approaching love with, respectively, too much reason and too much emotion?

Answer: Sense and Sensibility

- 4) What twentieth-century American playwright wrote about Giles Corey and John Proctor in his play about the Salem Witch Trials, *The Crucible*?

Answer: Arthur Miller (accept Arthur Asher Miller)

- 5) What subatomic particles occupy orbital shells around the nucleus of an atom, and are negatively charged?

Answer: **electron**

- 6) In 2025, Bethesda remastered *Oblivion*, the fourth game in what R·P·G series? This series's most recent game, *Skyrim*, was jokingly re-released for the Etch-a-Sketch and can be played in text form on Amazon Alexa.

Answer: The **Elder Scrolls**

- 7) What god cut off the head of his son, Ganesha, and replaced it with that of an elephant? He forms the Trimurti with Brahma and Vishnu.

Answer: **Shiva** (accept **Siva**)

- 8) What Venetian nobleman wrote *Il Milione*, a travelogue about his journeys on the Silk Road to thirteenth-century China, where he met Kublai Khan and served him as a diplomat?

Answer: Marco **Polo**

- 9) What man wrote the line "These are the times that try men's souls" to open *The American Crisis*, a follow-up to his 1776 pamphlet *Common Sense*?

Answer: Thomas **Paine**

- 10) What collection of historical and mythical stories by Ovid is named for the changes undergone by characters like Scylla and Midas?

Answer: **Metamorphoses** (do not accept "Metamorphosis")

- 11) What French mathematician, who arguably invented the study of probability, names a triangle-shaped diagram in which each row is a series of numbers, like "one, two, one" and "one, three, three, one"?

Answer: Blaise **Pascal**

- 12) The extinct baiji river dolphin once swam in the waters of what Chinese river, the third-longest river in the world?

Answer: **Yangtze** River (accept **Cháng Jiāng**)

- 13) Red half-circles and blue triangles can be used to draw the "warm" and "cold" types of what weather phenomena, the barriers between air masses?

Answer: weather **front** (accept warm **front**; accept cold **front**)

- 14) What action in Jackson Pollock's common nickname describes a style of painting that he used to create abstract expressionist works like *Lavender Mist*?

Answer: **drip** (accept word forms like **dripping**; accept Jack the **Dripper**)

- 15) The 1901 Pan-American Exposition in Buffalo, New York, was the site of what crime, committed by Leon Czolgosz, that elevated Theodore Roosevelt to the presidency?

Answer: **assassination** of William **McKinley** (accept equivalents like **murder**, **killing**, **shooting**, etc., of William **McKinley**; prompt on partial answers)

Lightning Round

The categories are...

- 1) World Legislatures
- 2) Literary Birds
- 3) Pop Singer Pseudonyms

World Legislatures

Name the following countries, based on the name of their national legislature and other clues.

- 1) Parliament that meets in Westminster under Big Ben.

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

- 2) Dáil Éireann [doll AIR-un], which meets in Dublin.

Answer: **Ireland** (accept **Eire**; accept Republic of **Ireland** or Poblacht na hÉireann; accept **Irish** Free State; do not accept or prompt on "Northern Ireland")

- 3) A Hellenic Parliament in Athens.

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

- 4) The Lok Sabha, which meets in New Delhi.

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

- 5) A Pontifical Commission, created by Pius the Twelfth in Rome.

Answer: **Vatican** City (accept **Holy See**; accept **Vatican** City State; accept Status Civitatis **Vaticanae**; accept Stato della Città del **Vaticano**)

- 6) A National People's Congress with over two thousand Communist members.

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

- 7) The Bundestag, which meets in the Reichstag building.

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

- 8) The Knesset, which named Benjamin Netanyahu as Prime Minister in 2022.

Answer: **Israel** (accept State of **Israel**)

- 9) The National Diet, which was established under the Meiji Constitution.

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

- 10) The Althing, the oldest surviving parliament in the world.

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

Literary Birds

Name the type of bird described by each of the following literary clues.

- 1) Talking bird owned by Long John Silver in *Treasure Island*.

Answer: **parrot** (accept **Cap'n Flint**)s

- 2) "Ugly" bird that grows into a swan in a Hans Christian Anderson story.

Answer: **duckling** (accept The **Ugly Duckling**; accept Den grimme **aelling**)

- 3) Title bird that repeats "Nevermore" in a poem by Poe.

Answer: **raven** (accept The **Raven**)

- 4) Giant birds of prey that help Gandalf and Frodo in *The Lord of the Rings*.

Answer: **eagles** (accept The Great **Eagles**)

- 5) Archimedes, Merlin's wise familiar in *The Once and Future King*.

Answer: **owl**

- 6) Title bird of Harper Lee's first novel.

Answer: **mockingbird** (accept **To Kill a Mockingbird**)

- 7) Matronly, story-telling bird in French fables by Perrault.

Answer: **goose** (accept Mother **Goose**; accept Mère l'**Oye**)

- 8) Title bird of a Maya Angelou autobiography.

Answer: **caged** bird (accept **I Know Why the Caged Bird Sings**)

- 9) Extinct bird that leads a "Caucus-race" in *Alice's Adventures in Wonderland*.

Answer: **Dodo**

- 10) Songbird who "wast not born for death" in a John Keats ode.

Answer: **nightingale** (accept **Ode to a Nightingale**)

Pop Singer Pseudonyms

Give the stage name of each of the following performers, given their real name and one of their songs.

1) Kayleigh Amstutz; "Good Luck, Babe!"

Answer: **Chappell Roan**

2) Collins Chibueze; "A Bar Song (Topsy)"

Answer: **Shaboozey**

3) Stefani Germanotta; "Die With A Smile"

Answer: **Lady Gaga**

4) Jacques Bermon Webster II; "FE!N" ["feen"]

Answer: **Travis Scott**

5) Solana Rowe; "Saturn"

Answer: **SZA**

6) Abel Tesyafe; "Timeless"

Answer: The **Weeknd**

7) Jaylah Hickmon; "Denial Is A River"

Answer: **Doechii**

8) Marshall Mathers; "Houdini"

Answer: **Eminem**

9) Peter Gene Hernandez; "Just The Way You Are"

Answer: **Bruno Mars**

10) Jordan Carter; "EVIL JORDAN"

Answer: **Playboi Carti**

Final Challenge

- 1) What biological compounds include auxins and gibberellins in plants, signaling molecules like H·G·H, and steroids like estrogen and testosterone?

Answer: **hormone**

- 2) What city contains the fictional neighborhoods of East Egg and West Egg in a novel by F. Scott Fitzgerald, and is the real-life location of a neighborhood whose literary "Renaissance" was led by Langston Hughes?

Answer: **New York** City (accept **NYC**; prompt on "Harlem" after "neighborhood" is read)

- 3) What rapper, who surprise-dropped the album *G·N·X* in November 2024, featured on "Like That," and won a beef against Drake with the song "Not Like Us?"

Answer: Kendrick **Lamar** (accept **Kendrick**; accept **K.Dot**)

- 4) What landmark, whose milecastles ran from Bowness-on-Solway to Wallsend, created a border that was expanded by the Antonine Wall twenty years later and ran across the width of Roman England?

Answer: **Hadrian's Wall** (accept **Picts' Wall**; accept **Vallum Aelium**)

- 5) What term from Dharmic religions describes a freedom from samsara, the cycle of death and rebirth, that a person can reach by achieving enlightenment?

Answer: **nirvana** (prompt on "enlightenment" before it is read)

- 6) What mountain range, which includes peaks like Huascarán and Aconcagua, extends from Chile to Colombia along the entire western coast of South America?

Answer: **Andes** Mountains

- 7) What layer of the Earth, which includes the D-double-prime layer and namesake plumes, is found between the core and the crust?

Answer: **Mantle**

- 8) What mathematical operation, which is applied to the discriminant in the quadratic formula, is equivalent to taking the one-half power of the input, and returns a value of five when applied to twenty-five?

Answer: **square root** (accept one-**half power** before it is read; prompt on "root")

- 9) What man's murder by Jack Ruby was photographed on November twenty-fourth, 1963, two days after he went to the Texas School Book Depository to assassinate John F. Kennedy?

Answer: Lee Harvey **Oswald**

- 10) What author of *The Mousetrap* created Arthur Hastings, and wrote mysteries such as *And Then There Were None* and *Murder on the Orient Express*, which are solved by Hercule Poirot?

Answer: Agatha **Christie** (accept Dame Agatha Mary Clarissa **Christie**; accept Agatha **Miller**)

- 11) What U·S state controls Little Diomed Island, which is across the International Date Line from Big Diomed Island and a Russian patrol base?

Answer: **Alaska**

- 12) What musical selection, which legendarily inspired King George the Second to stand, ends the second part of Handel's oratorio *Messiah* with the proclamation "And he shall reign forever and ever?"

Answer: **Hallelujah** Chorus (prompt on "Messiah" before it is read)

- 13) What literary character tells a Baghdad porter who shares his name about his seven ocean voyages, during which he escapes from one-eyed giants and Roc birds as part of the *One Thousand and One Nights*?

Answer: **Sinbad** the Sailor (accept **Sindbad** the Sailor; accept as-**Sindibadu** al-Bahriy)

- 14) What country, where the peaceful Carnation Revolution brought an end to the Estado Novo regime in 1974, is currently led by Marcelo Rebelo de Sousa from Lisbon?

Answer: **Portugal** (accept **Portuguese** Republic or Republica **Portuguesa**)

- 15) What chemical compound is produced by the Haber process so it can be used in fertilizers, and can be written as N·H·3?

Answer: **ammonia** (accept **N·H·3** before it is read; do not accept or prompt on “ammonium”)

- 16) The painting *The Tragedy* is part of what period of Pablo Picasso's work, which preceded the Rose Period and includes *The Old Guitarist* and other despairing paintings?

Answer: Pablo Picasso's **Blue** Period

- 17) What country, where the White Revolution ended in 1979 with the overthrow of the Shah, is led by a religious figure named the Ayatollah from the capital of Tehran?

Answer: **Iran** (accept Islamic Republic of **Iran**; accept Jomhuri-ye Eslâmi-ye **Irân**)

- 18) What specific mathematical object is graphed by the polar equation "r equals one," is used to define trigonometric functions like sine and cosine, and consists of all points that have a distance of one from the origin?

Answer: **unit circle** (prompt on "circle" by asking the player to be more specific)

- 19) What phenomenon, during which a "horse must think it queer / to stop without a farmhouse near," is a type of weather that titles a Robert Frost poem about "Stopping By Woods?"

Answer: **snow** (accept Stopping by Woods on a **Snowy** Evening)

- 20) What bodies of water, whose "finger" type occurs in valleys over-deepened by glaciers, are deep, freshwater bodies of water that occur inland?

Answer: **lakes** (accept finger **lakes**)