

Stateline Juniors 2025

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Round 6

Buzz-In Round

- 1) Name the novel in which Mr Jones is chased off the title property during the Battle of the Cowshed by Boxer the horse and an army of sheep led by Snowball the pig, written by George Orwell.

Answer: Animal Farm

- 2) What force, the weakest of the four fundamental forces, was legendarily explained by Isaac Newton after he was inspired by a falling apple?

Answer: gravity

- 3) What adjective describes the y-coordinate of any point in the first two quadrants, as well as numbers like six but not negative six?

Answer: positive

- 4) What brand sponsored a December 2024 collegiate bowl game that ended Iowa State 42-Miami 41, but more importantly featured a Cinnamon Roll flavored "edible mascot" being lowered into a giant toaster oven?

Answer: Kellogg's **Pop-Tarts** (accept **Pop-Tarts** Bowl; prompt on "Kellogg's" by asking the player "prompt - what specific brand of food?")

- 5) What US state was founded by Roger Williams, dropped the phrase "and Providence Plantations" from its official name in 2020, and is the smallest US state?

Answer: **Rhode Island**

- 6) What game series, whose battle royale game Warzone came out in 2020, is published by Activision, and includes Modern Warfare and Black Ops games?

Answer: **Call of Duty** (accept **COD** or **C·O·D**; accept **Call of Duty**: Warzone; accept **Call of Duty**: Modern Warfare; accept **Call of Duty**: Black Ops)

- 7) What nonviolent activist founded the ashram Tolstoy Farm in South Africa and led a Salt March against British rule in 1930 in India?

Answer: Mahatma **Gandhi** (accept Mohandas Karamchand **Gandhi**)

- 8) What cell organelle is the site of the electron transport chain and ATP production, and is therefore known as the "powerhouse" of the cell?

Answer: **mitochondria**

- 9) What mountain range, which includes Monte Rosa, Mont Blanc, and the Matterhorn, passes through countries like France, Switzerland, and Italy?

Answer: Alps (accept Alpine Mountains)

- 10) What novel follows the Bolkonsky and Rostov families during and after Napoleon's invasion of Russia, and is an extremely long novel written by Leo Tolstoy?

Answer: War and Peace (accept Voyna i mir)

- 11) What president, whom Emmauel Leutze depicted crossing the Delaware River, chops down a cherry tree in a Grant Wood painting and appears on the one dollar bill?

Answer: George Washington

- 12) A "texture triangle" describes the composition of what mixture of nutrients, water, and dirt that is necessary for the growth of plants?

Answer: soil (accept earth)

- 13) This Greek god was accompanied by the gods Phobos and Deimos, who represented fear and panic, when he led troops on the battlefield as the god of war?

Answer: Ares

14) What US city, whose suburbs include King of Prussia, Villanova, and - across the river in New Jersey - Camden, is the most populous city in eastern Pennsylvania?

Answer: **Philadelphia**

15) Name the composer who performed with his sister Nannerl as a child prodigy, and who wrote *Eine Kleine Nachtmusik* and the operas *Don Giovanni* and *The Magic Flute* as an adult.

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

16) What literary term from the Greek for "to struggle against" describes characters like Javert in *Les Miserables* and Lucifer in *Paradise Lost*, and describes the enemy of a protagonist?

Answer: **antagonist**

17) What country, which was struck by the Christchurch earthquake in 2011, is where the Cook Strait separates Wellington on the North Island from the South Island?

Answer: **New Zealand**

18) The notation "E sub a" represents what type of energy that must be provided for a chemical reaction to begin?

Answer: **activation** energy

19) What group of nomadic people lost the 451 Battle of Chalons to the Visigoths and Romans and was led by men like Bleda and Attila?

Answer: **Huns**

20) In what American state does the literary character Tea Cake die in *Their Eyes Were Watching God*, after he is caught in the 1928 Okeechobee hurricane that struck this state near Palm Beach?

Answer: **Florida**

Volleyball Round

- 1) What continent, near where McMurdo Station can be found on Ross Island, is home to the grave of Robert Falcon Scott, who froze to death on his way back from the South Pole?

Answer: **Antarctica**

- 2) What speech hopes the speaker's children will be judged "by the content of their character" instead of by the "color of their skin," and was given by Martin Luther King Jr?

Answer: **I Have A Dream**

- 3) What author, who wrote "In spite of everything, I still believe that people are really good at heart," addressed her *Diary of a Young Girl* to "Kitty" while hiding from Nazis?

Answer: Anne **Frank** (accept The Diary of Anne **Frank**)

- 4) The virus HIV and the syndrome AIDS are named for their effect on what bodily system that responds to pathogens and protects the body from disease?

Answer: **immune** system

- 5) Antonio Stradivari was a seventeenth- and eighteenth-century maker of high quality string instruments, particularly what instruments that are featured in the Vivaldi concertos *The Four Seasons*?

Answer: **violin**

- 6) What Egyptian god became the ruler of the dead when his dismembered body was brought back to life by his wife, Isis?

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

- 7) Chris Sanders voices what character in an animated 2002 film and an upcoming live action version, who is a blue alien friend of Lilo?

Answer: **Stitch** (accept Experiment **626**, prompt on **Lilo and Stitch** before Lilo is read, afterward accept)

- 8) Name the George Orwell novel in which Winston Smith is betrayed by O'Brien, a member of the Thought Police, and is tortured into compliance in Room 101.

Answer: **Nineteen Eighty-Four**

- 9) Gallium is often used as a replacement for what liquid metal inside thermometers? This element has atomic symbol Hg.

Answer: **mercury**

- 10) What algebraic property, which isn't generally true for subtraction or division, explains that "a plus b" is the same thing as "b plus a?"

Answer: **commutative** property (accept word forms like **commute**)

11) Biological warfare in Jaffa may have triggered what pandemic, spread by fleas, that killed a staggering percentage of fourteenth century Europeans?

Answer: **black death** (accept **black plague**, accept **bubonic plague**, prompt on "plague")

12) What novel, in which lethal injections are dubbed "releases," details the Receiver of Memories Jonas escaping the Community, and was written by Lois Lowry?

Answer: The **Giver**

13) The Leonids and Perseids are examples of what kind of astronomical event, which takes place when the Earth passes through a rocky debris trail in space?

Answer: **meteor shower**

14) What singer, whose album One Thing At A Time includes Cowgirls and Last Night, is a country artist who features on Post Malone's I Had Some Help?

Answer: Morgan **Wallen**

15) Examples of what facility include one whose destruction in the 1258 siege of Baghdad caused the Tigris River to run black, called the House of Wisdom, as well as one in Alexandria whose fire destroyed thousands of scrolls?

Answer: **library** (accept **Library** of Alexandria)

Lightning Round

The categories are...

- 1) Modern Warfare (Not The Video Game)
- 2) Mythical Figures in Art
- 3) MARVELous Superhero Identities

Modern Warfare (Not The Video Game)

Given a description of a country's not-so-peaceful deeds in the 20th or 21st century, name the modern-day country.

- 1) Invaded by Russia in February 2022, threatening its city of Kiev.

Answer: **Ukraine**

- 2) Was a divided Southeast Asian country until the end of a 1970s war.

Answer: **Vietnam** (accept Socialist Republic of **Vietnam**)

- 3) Tested nuclear weapons under Kim Jong-un, threatening its southern neighbor.

Answer: **North Korea** (accept **Democratic People's Republic of Korea**; accept **DPRK**; prompt on "Korea")

- 4) Fought Argentina for the Falkland Islands under Margaret Thatcher.

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

- 5) Lost two Gulf Wars under Saddam Hussein.

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

- 6) Invaded by the US in 2001, ousting the Taliban.

Answer: **Afghanistan** (accept Islamic Emirate of **Afghanistan**)

- 7) Under Indira Gandhi, conducted the Smiling Buddha nuclear test.

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

- 8) Took the Suez Canal and Sinai Peninsula from Israel in the Yom Kippur War.

Answer: **Egypt** (accept Arab Republic of **Egypt**)

- 9) Bashar al-Assad fled in 2024, ending a civil war in the Middle East.

Answer: **Syria** (accept **Syrian Arab Republic**)

- 10) Invaded in 2021 by the M23 Movement, which is backed by Rwanda to the east.

Answer: **Democratic Republic of the Congo** (accept **DRC**; prompt on "Congo")

Mythical Figures in Art

Name these humans and gods from Greek and Roman myth, based on descriptions of how they appear in famous works of art.

- 1) Botticelli painted "The Birth of" this love goddess.

Answer: **Venus** (accept **Aphrodite**; accept The **Birth of Venus**)

- 2) Praxiteles sculpted "Hermes with" this god of wine.

Answer: **Dionysus** (accept **Bacchus**; accept **Hermes with the Infant Dionysus**)

- 3) Cellini sculpted "Perseus with the Head of" this snake-haired Gorgon.

Answer: **Medusa** (accept **Perseus with the Head of Medusa**)

- 4) Raphael painted "The School of" a city named for this goddess of knowledge.

Answer: **Athena** (accept The School of **Athens**)

- 5) American Gothic includes a tiny portrait of this wife of Hades.

Answer: **Persephone**

- 6) Rubens painted "The Judgement of" this prince.

Answer: **Paris** (accept The **Judgement of Paris**)

- 7) Goya painted this Titan "Devouring His Son," who may be Poseidon.

Answer: **Saturn** (accept **Cronos**; accept **Saturn Devouring His Son**)

- 8) Breughel painted a "Landscape with the Fall of" this son of Daedalus.

Answer: **Icarus** (accept **Landscape with the Fall of Icarus**)

- 9) This god aims a bow in Botticelli's "Primavera."

Answer: **Cupid** (accept **Eros**)

- 10) This god "and Daphne," in a sculpture by Bernini.

Answer: **Apollo** (accept **Apollo and Daphne**)

MARVELous Superhero Identities

Given their real name and a description, name the Marvel superhero.

- 1) Peter Parker, teenaged web-slinger.

Answer: **Spider-Man** (accept adjectives like The Amazing **Spider-Man**)

- 2) Tony Stark, a wealthy inventor.

Answer: **Iron Man**

- 3) Bruce Banner, who turns green when enraged.

Answer: **Hulk** (accept The Incredible **Hulk**)

- 4) Steve Rogers, a patriotic World War II veteran.

Answer: **Captain America** (prompt on partial answers, such as "Cap")

- 5) T'Challa, ruler of Wakanda.

Answer: **Black Panther** (prompt on partial answers)

- 6) Jane Foster, scientist girlfriend of a thunder god.

Answer: The **Mighty Thor** (prompt on "Thor")

- 7) Natasha Romanoff, former HYDRA assassin.

Answer: **Black Widow** (prompt on partial answers)

- 8) Clint Barton, purple-costumed archer.

Answer: **Hawkeye** (prompt on "Goliath" or "Ronin" by asking "What more common superhero identity does Clint Barton use?" since he does not wear purple while using either of those aliases)

- 9) Carol Danvers, owner of the alien "cat," Goose.

Answer: **Captain Marvel** (prompt on partial answers; Goose is actually a Flerken)

- 10) Peter Quill, intergalactic bounty hunter.

Answer: **Star-Lord** (accept **Master of the Sun**)

Final Challenge

- 1) What country, whose creation story centers of Izanami and Izanagi, is the center of a religion whose kami include the sun goddess Amaterasu, called Shinto?

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

- 2) What mountain range is where trail hikers go from Mount Katahdin to Springer Mountain, a walk of over 2,100 miles from Georgia to Maine along the American east coast?

Answer: **Appalachian** Mountains (accept **Appalachians**)

- 3) Nick Adams is a recurring character in what author's stories, another of which depicts the unlucky fisher Santiago, The Old Man and the Sea?

Answer: Ernest **Hemingway**

- 4) What Tennessee politician wore a coonskin cap when he went to Texas in 1836, where he was killed alongside James Bowie and William Travis while defending the Alamo?

Answer: Davy **Crockett** (accept David **Crockett**)

- 5) The Saffir-Simpson scale is used to classify what weather phenomenon? This phenomenon's highest rating, category 5, often brings massive storm surges when it reaches land.

Answer: **hurricanes**

- 6) What city, home of a baseball team which plays in American Family Field and the 2021 NBA Champions, is the eastern Wisconsin home of the Brewers and Bucks?

Answer: **Milwaukee** (accept **Milwaukee** Bucks or **Milwaukee** Brewers)

- 7) What French artist, who painted *Impression: Sunrise*, depicted his Giverny garden with a green, Japanese-inspired bridge and hazy *Water Lilies*?

Answer: Claude **Monet**

- 8) What author, who depicted himself chased by a leopard, lion, and she-wolf in one work, is guided by Vergil in the *Inferno* section of his *Divine Comedy*?

Answer: **Dante Alighieri** (accept either name)

- 9) What country controls the Dodecanese, a series of dozens of small islands in the Aegean Sea that are actually much closer to Turkey than to this country's capital of Athens?

Answer: **Greece**

- 10) What type of angle gives a positive number for all six trigonometric functions and has an angle measure between 0 and 90 degrees?

Answer: **acute**

11) What empire, whose noble leaders included Axel Oxenstierna during the Thirty Years' War, was led in the Great Northern War by King Charles the Twelfth until he was killed while besieging a Norwegian fortress?

Answer: **Sweden** (accept **Sverige**; accept **Swedish** Empire; accept Kingdom of **Sweden** or Konungariket **Sverige**)

12) What term, which describes a type of non-electric charge possessed by quarks, more commonly describes a property of light that comes in three primary forms: red, green, and blue?

Answer: **color**

13) What lake, which is hydrologically the same lake as nearby Lake Huron, has the most populous shores of any Great Lake thanks to the cities of Milwaukee and Chicago?

Answer: Lake **Michigan**

14) What musical work, whose sections have subtitles like "The Bringer of War," was written by Gustav Holst, and includes the movements "Mars" and "Jupiter?"

Answer: The **Planets**

15) The formula " π times a times b" gives the area inside what closed conic section, which appears to be an oval-shaped, stretched circle?

Answer: **ellipse**

16) What author who created a mistreated young swan in *The Ugly Duckling* also wrote about a girl who dies and becomes sea foam in *The Little Mermaid*?

Answer: Hans Christian Andersen

17) What organ includes parts like the occipital, parietal, and frontal lobes of the cerebrum, all held within the skull?

Answer: brain

18) What battle, which is often divided by historians into fighting at Freeman's Farm and Bemis Heights, was a key victory for Horatio Gates over the British in upstate New York, marking a 1777 turning point in the American Revolution?

Answer: Battle of Saratoga

19) What theory, which was published in "On the Revolution of Heavenly Spheres," was Nicolas Copernicus' improvement over geocentrism, the idea that the Sun revolves around the Earth?

Answer: heliocentrism (accept word forms like heliocentric)

20) What Scottish author of *Dr. Jekyll and Mr. Hyde* wrote about Jim Hawkins hearing of a mutiny by Long John Silver in *Treasure Island*?

Answer: Robert Louis Stevenson