

Stateline Juniors 2024

Game 7

Buzz-In Round

- 1) What playwright wrote about a pair of twins both named Dromio who serve a pair of twins both named Antipholus in *A Comedy of Errors* and about other mistaken identities in *Twelfth Night* and *A Midsummer Night's Dream*?

Answer: William Shakespeare

- 2) Name the Austrian composer who wrote the opera *The Marriage of Figaro* and the chamber piece "Eine Kleine Nachtmusik" after he gained fame as a child prodigy.

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

- 3) What European country is home to the cities of Piraeus and Thessaloniki, as well as much smaller modern towns of Corinth, Thebes, and Sparta?

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

- 4) What song insists "I don't wanna keep secrets just to keep you" and says there are "no rules in breakable heaven" during the title season "with you," as sung by Taylor Swift?

Answer: Cruel Summer

- 5) What phase change happens for mercury at negative thirty-eight degrees Celsius and at zero degrees Celsius for water, and occurs when a liquid turns into a solid, often at cold temperatures?

Answer: freezing (accept word forms like freeze; accept melting before "turns into" is read)

- 6) What fictional country is ruled by Peter, Susan, Lucy, and Edmund Pevensie after they defeat the White Witch with the help of Aslan the lion in a set of novels by C.S. Lewis?

Answer: Narnia (accept Kingdom of Narnia; accept The Chronicles of Narnia)

- 7) What part of speech often ends with "-ment" in French and with "-mente" in Spanish? These words modify verbs or adjectives, and often end in English with the letters "L-Y."

Answer: **adverb**

- 8) What US state is home to Buzzards Bay and the coastal town of New Bedford, as well as the islands of Martha's Vineyard and Nantucket, a hook-shaped peninsula surrounding Cape Cod, and Boston Harbor?

Answer: **Massachusetts** (accept Commonwealth of **Massachusetts**)

- 9) What structures are created by osteoblasts and have a "spongy" form that produces red blood cells? These structures include the femur and skull, and make up a skeleton.

Answer: **bones**

- 10) Triangles drawn on the surface of a sphere can actually have three of what type of angle, which is between the sizes of acute and obtuse because it measures exactly 90 degrees?

Answer: **right** angle

- 11) What goddess was worshipped with her mother in the Eleusynian mysteries, which commemorated her abduction from Demeter to the home of Hades, who became this goddess's husband?

Answer: **Persephone** (accept **Kore**)

- 12) What animal is Eda Clawthorne nicknamed for in a Disney show; questions how many licks it takes to get to the center of a Tootsie Pop; and is the wise, winged friend of Winnie-the-Pooh who lives in a tree?

Answer: **owl** (accept The **Owl House**; accept **Owl Lady**, which is Eda Clawthorne's nickname; accept Mister **Owl**, the Tootsie Pop mascot; accept **Strigiformes**)

- 13) What material was used for the *Winged Victory of Samothrace*? Michelangelo's sculpture of *David* is carved from this stone.

Answer: **marble**

14) What structure was partially rebuilt by the Ming Dynasty to create a line of protection against the Mongols across China?

Answer: **Great Wall** of China (accept Wanli **Chancheng**)

15) Name the group of constitutional amendments that prevents double jeopardy; guarantees the right to trial by jury; and lays out the freedoms of the press and of speech. This group contains the first ten amendments to the constitution.

Answer: **Bill of Rights** (prompt on descriptions of "first ten amendments" before it is read)

16) What element is the lightest halogen; is added to drinking water to promote public tooth health; and has the chemical symbol "F?"

Answer: **fluorine**

17) What state is home to Grand Teton National Park, as well as the southeastern corner of Yellowstone National Park? This state shares the rest of the park with its northwestern neighbors, Idaho and Montana.

Answer: **Wyoming**

18) What classical dramatic genre includes the Sophocles plays *Antigone* and *Oedipus Rex*, which deal with serious subjects and often have sad endings?

Answer: **tragedy** (accept **tragoidia**)

19) *Phytophthora infestans* attacking what crop caused "An Gorta Mór," a period from 1845 to 1852 in which hundreds of thousands of people died or fled Ireland due to famine?

Answer: **potatoes** (accept Irish **potato famine** or similar answers; prompt on "tubers")

20) What organelle, which has its own specialized matrilineal form of DNA, is the site of the electron transport chain, an energy-generating process that makes it known as the "powerhouse" of the cell?

Answer: **mitochondria** (accept **mitochondrion**)

Volleyball Round

- 1) What Greek goddess was called "Pallas" as the goddess of warfare and "Parthenos" as the maiden goddess of wisdom?

Answer: Athena (accept Pallas Athena; accept Athene)

- 2) Archimedes legendarily asked for one of what simple machine "and a place to stand," since he could use this simple machine and a fulcrum to "move the Earth?"

Answer: levers

- 3) What half-sister of Arsinoe IV and daughter of Ptolemy XII had affairs with Julius Caesar and Mark Antony, then poisoned herself after Antony's defeat in Egypt?

Answer: Cleopatra (accept Cleopatra VII Philopator)

- 4) Name the American civil rights activist who was arrested in Montgomery in 1955 for refusing to give up her bus seat to make room for a white passenger.

Answer: Rosa Parks (accept Rosa Louise McCauley Parks)

- 5) Salmonella and tuberculosis are caused by what kind of single-celled organisms that are often contrasted with viruses?

Answer: bacteria (accept bacterium)

- 6) An upcoming film adaptation of a game about a "Quiet Rapture," titled *Iron Lung*, is the directing debut of what YouTuber whose interactive YouTube games include *A Heist* and *In Space* with him?

Answer: Mark Edward "Markiplier" Fischbach (accept either underlined name)

- 7) What term, from the French for "rebirth," names the post-Middle Ages period in which the scholarly and artistic traditions of ancient Greece and Rome were championed by thinkers like Leonardo da Vinci?

Answer: Renaissance

- 8) Shoemaker-Levy and Halley are the namesakes of two of what astronomical objects whose icy bodies leave bright "tails" that stream behind them when they pass near a star?

Answer: **comet** (accept Halley('s) **comet**; accept Shoemaker-Levy **comet**)

- 9) I.M. Pei's designs for the Rock and Roll Hall of Fame and the Louvre Museum use pyramidal roofs made of what clear building material?

Answer: **glass**

- 10) In Hemingway's *The Old Man and the Sea* Santiago is considered "salao" [sah-lah-oh], or "unlucky," in this job. While doing this job, Santiago catches a marlin that is eaten by sharks before he gets it home.

Answer: **fishing** (accept being a **fisherman**)

- 11) What pair of films based on a Frank Herbert novel star Jason Momoa and Timothée Chalamet as Duncan Idaho and Paul Atreides, who struggle with the dunes Arrakis and its giant sandworms?

Answer: **Dune** (accept **Dune**: Part One; accept **Dune**: Part Two)

- 12) The Blue Ridge, Adirondack, and Catskill mountain ranges are parts of what long mountain range that runs from the American South, along the eastern seaboard, into eastern Canada?

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

- 13) In what Jules Verne adventure novel does Professor Otto Lidenbrock and his nephew Axel explore caves populated by giants and dinosaurs after descending into a volcano to try to reach the title place?

Answer: **Journey to the Center of the Earth** (accept A **Journey to the Center of the Earth**; accept A **Journey to the Interior of the Earth**; accept **Voyage au centre de la Terre**)

- 14) An Edgar Allan Poe poem named for what instruments describes them as "merry" during a sleigh ride, "mellow" during a wedding," and "solemn" during a funeral?

Answer: The **Bells**

- 15) The term "isosceles" often describes a triangle, but can also describe what quadrilateral when its two non-parallel sides are equal and symmetrical?

Answer: **trapezoid** (accept **isosceles** trapezoid)

Lightning Round

The categories are...

- 1) Countries in World War II
- 2) Piano Music
- 3) Platformer Video Games

Countries in World War II

Given clues about their history in World War II, name the following countries.

- 1) Axis power led by Adolf Hitler and the Nazis.

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

- 2) Axis power led by Emperor Hirohito.

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

- 3) Allied power that was attacked at Pearl Harbor.

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

- 4) Where Mao Zedong and Chiang Kai-shek paused a civil war.

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

- 5) Officially neutral Alpine country with capital Bern.

Answer: **Switzerland** (accept **Swiss** Confederation)

- 6) Led by the Vichy puppet government and Charles de Gaulle.

Answer: **France** (accept **French** Republic; accept Vichy **France**; accept La **France**; accept République **française**)

- 7) Site of the Battle of El-Alamein in North Africa.

Answer: **Egypt** (accept Arab Republic of **Egypt**; accept Kingdom of **Egypt**; accept **Misr** or **Masr**; accept Jumhuriya **Misr** al-Arabiyyah; accept Gomhoreyet **Masr** el-Arabeyya)

- 8) Invaded on September 1, 1939 to begin the war.

Answer: **Poland** (accept Republic of **Poland**; accept Rzeczpospolita **Polska**)

- 9) Northwest African country that hosted the Casablanca Conference.

Answer: **Morocco** (accept Kingdom of **Morocco**; accept French **Morocco**; prompt on "France")

- 10) Either country that fought the Winter War.

Answer: **Finland** and/or the **Soviet Union** (accept Republic of **Finland**; accept **Suomi**; accept **USSR**; accept **Russia**)

Piano Music

Fill in the blanks of the titles of the following musical works that are probably familiar to students of the piano.

- 1) Fur BLANK, a Beethoven piece that begins "E, D sharp, E, D sharp, E."

Answer: Fur Elise

- 2) Moonlight BLANK, by Beethoven; it means "sound" in Italian.

Answer: Moonlight Sonata

- 3) Ode to BLANK, a tune sung in Beethoven's 9th symphony.

Answer: Ode to Joy (accept An die Freude)

- 4) The Blue BLANK Waltz; a European river.

Answer: Blue Danube Waltz (accept By the Beautiful Blue Danube)

- 5) Ave BLANK, a Schubert song whose name is Latin for "Hail Mary."

Answer: Ave Maria

- 6) BLANK in D, a Johann Pachelbel piece often heard at weddings.

Answer: Canon in D

- 7) Clair de BLANK; Claude Debussy's most famous work.

Answer: Clair de Lune

- 8) BLANK Waltz; a short piece by Chopin whose name isn't actually about its length.

Answer: Minute Waltz

- 9) Rondo alla BLANK; a European country, composed by Mozart.

Answer: Rondo alla Turca (accept Turkey; accept Turkiye; accept Turkish March)

- 10) Liszt's Transcendental BLANK; from the French for "study."

Answer: Transcendental Études

Platformer Video Games

Name the following characters from various platform-style video games.

- 1) Originally known as "Jumpman," the brother of Luigi.

Answer: **Mario** Mario

- 2) Jumpman's nemesis, a large ape.

Answer: **Donkey Kong**

- 3) Green, sneaker-wearing dinosaur & Nintendo sidekick.

Answer: **Yoshi**

- 4) Round, inhaling, shapeshifting pink blob.

Answer: **Kirby**

- 5) Lombax who travels the galaxy with the robot Clank.

Answer: **Ratchet** and Clank

- 6) Capcom's mascot, a blue-suited robot with an arm cannon created by Dr. Light.

Answer: **Mega Man** (accept **Rockman**)

- 7) Protagonist of the *Metroid* series.

Answer: **Samus Aran** (accept either or both names)

- 8) Sony Playstation's first mascot, a bandicoot.

Answer: **Crash** Bandicoot

- 9) Disney title character who runs with his monkey, Abu, in a classic SNES game.

Answer: **Aladdin**

- 10) Archaeologist and protagonist of the *Tomb Raider* series.

Answer: **Lara Croft** (accept either or both names)

Final Challenge

- 1) Culp's Hill and Cemetery Ridge were landmarks in what battle, where Pickett's Charge marked the furthest Confederate advance into the North, and which was immortalized by Abraham Lincoln in a famous address?

Answer: Battle of **Gettysburg** (accept **Gettysburg** Address)

- 2) Name the novel in which Lydia runs away with George Wickham, Jane marries Charles Bingley, and Elizabeth Bennet overcomes the title two obstacles to fall in love with Mr Darcy, a work by Jane Austen.

Answer: **Pride and Prejudice**

- 3) What mathematical object typically has a formula, "ad minus bc," that will find the determinant if its size is two rows and two columns?

Answer: **matrix** (accept **matrices** or **matrixes**; accept 2x2 square **matrix**)

- 4) What musical work quotes the songs "At the Gate," "La Marseillaise," and "God Save the Tsar," and was written by Tchaikovsky to describe Napoleon's invasion of Russia in this overture's title year?

Answer: The **1812** Overture (accept The **Year 1812** Solemn Overture)

- 5) What card game, the backbone of the 2024 roguelike game Balatro, has variants like Badugi, Pot Limit Omaha, Seven Card Stud, and Texas Hold 'Em, most of which have a Royal Flush as the best hand?

Answer: **poker**

- 6) Bramble Cay in the Torres Strait is one end of what natural landmark, which stretches for hundreds of miles off the northeast coast of Australia and is the world's largest coral system?

Answer: **Great Barrier Reef**

- 7) Name the American poet who wrote "good fences make good neighbors" in the poem "Mending Wall" and said "I have promises to keep / and miles to go before I sleep" in "Stopping by Woods on a Snowy Evening."

Answer: Robert **Frost** (accept Robert Lee **Frost**)

- 8) Akershus Fortress is in what country, which controls the archipelago of Svalbard in the Arctic Ocean, includes the northwestern coast of mainland Scandinavia, and has borders on its east with Sweden and Finland?

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

- 9) What substance's "rhesus factor" can be positive or negative? This substance has types like A, B, and O, which are important in transfusions.

Answer: human **blood** (accept **blood** types)

- 10) What type of vehicle, which included bigas, trigas, and quadrigas, clashed in the Battle of Kadesh in 1274 BCE and were raced in the Circus Maximus in ancient Rome?

Answer: **chariots**

- 11) What creatures include Moroni and Jibreel, who helped Joseph Smith and the prophet Muhammad record the Book of Mormon and the Quran as messengers of the Abrahamic god?

Answer: **angels** (accept **archangels**)

- 12) What objects have a "ferro" type that can be made of cobalt, nickel, or iron, and have north and south poles that attract each other with a namesake force?

Answer: **magnets** (accept ferrom**magnets**)

- 13) Name the Jonathan Swift novel in which the title doctor is kept as a pet in Brobdingnag and is imprisoned for urinating on a burning building in Lilliput, a country that is home to six-inch-tall people.

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)

- 14) What violent events take place when the Chandrasekhar limit is exceeded; that is, when a white dwarf grows larger than 1.44 times the size of our Sun? These massive explosions are potentially visible in the day sky.

Answer: **supernova** (accept **supernovae** or **supernovas**; accept Type 1a **supernova**; do not accept or prompt on "nova")

15) Tourists in what city flock to the Ponte dell'Accademia and the Rialto Bridge to watch gondolas glide along the Grand Canal in northern Italy?

Answer: Venice (accept Venezia)

16) The Pythagorean identity is taught in what non-geometry branch of mathematics? The identity relates expressions like "sine squared" and "cosine squared" of an angle in a right triangle.

Answer: trigonometry

17) What artistic technique decorates "El Drac," a salamander at Park Guell in Barcelona? In this technique, an artist uses mortar to create a design from pieces of tile, ceramic, or glass.

Answer: mosaics

18) Name the Russian author of the short novels *The Kreutzer Sonata* and *The Death of Ivan Ilyich* and the very long novel *Anna Karenina*.

Answer: Leo Tolstoy (accept Lev Nikolayevich Tolstoi)

19) The travelogue *Il Milione* was written by what Venetian merchant after he visited the court of Kublai Khan in China in the thirteenth century?

Answer: Marco Polo

20) What unit is defined as the heat needed to raise the temperature of one liter of water by one degree Celsius? It's often confused with another unit of the same name seen on nutrition labels.

Answer: calorie (The calorie on nutrition labels is 1/1000th the size of the other calorie.)