

2022 Stateline Junior

Game 7

Scholastic Community Outreach Program

Buzz-In Round

(1) In Norse myth, what kind of monstrous animal bit off the hand of Tyr and was a child of Loki named Fenrir?

ANSWER: wolf (accept Fenris wolf)

(2) What physical affliction can be detected with an Ishihara test, in which numbers are concealed in arrays of dots, and is common among men in its “red-green” form?

ANSWER: color blindness

(3) What group’s current longest-serving member, Clarence Thomas, succeeded Thurgood Marshall as one of the nine judges on this highest judicial body in the United States?

ANSWER: Supreme Court (accept SCOTUS or Supreme Court of the United States)

(4) Name the literary character who, in a novel by L. Frank Baum, meets Nick Chopper, a tin woodsman, and Glinda the Good Witch in the land of Oz.

ANSWER: Dorothy (accept Dorothy Gale)

(5) Name the mathematical operation that can be done repeatedly with exponents, and that is itself a way to perform repeated addition, such as by taking two times three.

ANSWER: multiplication (accept word forms like multiply; accept product; accept times before it is read)

(6) What musical genre, a favorite of John Philip Sousa, is exemplified by “The Washington Post” and “The Stars and Stripes Forever,” and help military groups walk in time?

ANSWER: march (accept military marches)

(7) What World War II leader, nicknamed “Il Duce” [eel doo-chay], led the Blackshirts in the March on Rome, and became the fascist dictator of Italy?

ANSWER: Benito Mussolini (accept Benito Amilcare Andrea Mussolini)

(8) Angela Lansbury sang the title track of what 1991 film, the first animated film to be nominated for the Best Picture Oscar, whose non-title characters include Lumiere, Cogsworth, and Gaston?

ANSWER: Beauty and the Beast

(9) What U.S. state’s highest point is Mount Hood, a peak in the Cascades east of the city of Portland?

ANSWER: Oregon

(10) Name the nearby planet discovered by William Herschel, a heavily-tilted “ice giant” that orbits the sun between Saturn and Neptune.

ANSWER: Uranus

(11) In what period of his career did Pablo Picasso paint *The Old Guitarist*? This period is contrasted with the Rose Period, and is named for a “sad” color.

ANSWER: blue (accept azul; accept Picasso’s Blue Period; accept Periodo Azul)

(12) Name the author who included characters like Mr Tumnus and the Pevensie children in his *Chronicles of Narnia* books.

ANSWER: C.S. Lewis (accept Clive Staples Lewis)

(13) What team included Niklas Hjalmarsson, Patrick Sharp, Jonathan Toews [tayvs], and Patrick Kane on all three of its Stanley Cup winning rosters in the 2010s?

ANSWER: Blackhawks (accept Chicago)

(14) Name the part of a sentence that is often a noun in the nominative case; that can be followed by a predicate; and that identifies what a sentence is about.

ANSWER: subject

(15) Name the phenomenon whose “total internal” type occurs above the angle of incidence, and which occurs when light bounces off of a surface such as a mirror.

ANSWER: reflection (accept total internal reflection)

(16) What large body of water contains the Laurentian Abyss and the South Sandwich Trench near Cape Horn, where it meets the Pacific Ocean?

ANSWER: Atlantic (accept Atlantic Ocean)

(17) Pests like the boll weevil are a nuisance to what cash crop, whose processing was improved by Eli Whitney’s “gin” that separated seeds from its fiber?

ANSWER: cotton

(18) What biological process can be interrupted by apnea, and includes a phase called “rapid eye movement,” during which a person may experience vivid dreams?

ANSWER: sleep (accept breathe or breathing before “rapid eye movement” is read)

(19) What natural feature contains the Challenger Deep, the deepest point in the Pacific Ocean, and is the Earth’s deepest oceanic trench?

ANSWER: Mariana Trench (accept Marianas Trench)

(20) Name the comedy-science-fiction series of novels by Douglas Adams in which Ford Prefect and Arthur Dent leave Earth and have adventures in space.

ANSWER: The Hitchhiker's Guide to the Galaxy (accept H2G2)

Volleyball Round

(21) Alphabet is the parent holding company of what tech company, whose products include the cloud gaming service Stadia and the Chrome web browser?

ANSWER: Google LLC

(22) What mathematical adjective describes all of the internal angles in an equilateral triangle, and any angle that measures smaller than ninety degrees?

ANSWER: acute angles (prompt on “sixty degrees” before “smaller” is read by asking “what kind of angle is a sixty-degree angle?”)

(23) Paul Jennings saved a portrait of George Washington from what building, just before the British set fire to it during the War of 1812?

ANSWER: White House

(24) While negotiating the Treaty of Versailles, Woodrow Wilson fell victim to what pandemic that swept across Europe in 1918?

ANSWER: flu (accept Spanish flu; accept influenza; accept influenza H1N1 A; prompt on “H1N1”)

(25) “Rumpelstiltskin,” “Sleeping Beauty,” and “Hansel and Gretel” were among the children’s folk tales collected by what pair of German brothers?

ANSWER: Grimm brothers (accept Brothers Grimm; accept Jacob Ludwig Karl and/or Wilhelm Carl Grimm)

(26) The Kid Laroi collaborated on “STAY” with what singer, the husband of Hailey Baldwin and performer of the 2021 hits “Peaches” and “Ghost?”

ANSWER: Justin Bieber (accept Justin Drew Bieber)

(27) In Greek myth, what group of goddesses includes Calliope and Thalia? These nine goddesses personified the arts.

ANSWER: muses

(28) The USS *Arizona*, which is honored by a World War II memorial, was sunk during what surprise attack by the Japanese on December 7th, 1941?

ANSWER: Pearl Harbor (accept descriptions like Attack on Pearl Harbor)

(29) Name the painting by Edvard Munch in which a red and orange sky swirls above a figure that raises its hands to its face while opening its mouth to perform the title action.

ANSWER: The Scream (accept Der Schrei der Natur or The Scream of Nature; accept Skrik)

(30) Maltose and fructose are what type of molecule, also called mono-saccharides? These carbohydrates are often found in sweet-tasting foods.

ANSWER: sugars (accept monosaccharides before it is read; prompt on “carbohydrate” before it is read)

(31) Lake Okechobee is the largest lake in what US state, which is home to the Everglades and a chain of Keys on its southern tip?

ANSWER: Florida

(32) The Mediterranean Sea was refilled 5 million years ago by what kind of event, an overflow of water onto dry land that may be called “flash” when it occurs suddenly?

ANSWER: flood (accept Zanclean flood; accept flash flood; accept deluge)

(33) Name the English scientist who claimed that every action has an equal and opposite reaction in his Laws of Motion, and who was legendarily inspired by an apple to describe the force of gravity.

ANSWER: Sir Isaac Newton

(34) A surprising 1938 radio adaptation of what H.G. Wells novel convinced many people that heat-ray wielding Martians were invading Earth?

ANSWER: The War of the Worlds

(35) Name the American author who wrote short stories about Allie, D.B., Phoebe, and their brother, Holden Caulfield, who narrates this author's novel *The Catcher in the Rye*.

ANSWER: J.D. Salinger (accept Jerome David Salinger)

Lightning Rounds

The categories are ...

1. Constitutional Amendments
2. Orchestral Instruments
3. First Gen Pokémon

CONSTITUTIONAL AMENDMENTS

Identify the following things related to amendments to the U.S. Constitution.

(1) Number of amendments in the Bill of Rights.

ANSWER: ten

(2) Amendment whose five freedoms include those of religion and speech.

ANSWER: one (accept **First** Amendment)

(3) Amendment that protects the right to bear arms.

ANSWER: two (accept **Second** Amendment)

(4) Judicial action that cannot be "cruel and unusual," according to the Eighth Amendment.

ANSWER: punishment (accept cruel and unusual punishment; accept descriptions like consequences for committing a crime)

(5) Modern minimum voting age established by the Twenty-sixth Amendment.

ANSWER: eighteen (accept eighteen years old)

(6) Amendment that granted women the right to vote.

ANSWER: nineteen (accept **Nineteenth** Amendment)

(7) Products prohibited by the Eighteenth Amendment and re-legalized by the Twenty-First.

ANSWER: alcohol (accept equivalents like liquor; accept specific types, such as beer)

(8) First of the Reconstruction amendments, which banned slavery.

ANSWER: thirteen (accept **Thirteenth** Amendment)

(9) Warning, named after an Arizona convict, that police use to remind suspects of their fifth and sixth amendment rights.

ANSWER: Miranda (accept Miranda Warning or Miranda Rights)

(10) Most recent amendment, which restricts congressional pay raises.

ANSWER: twenty-seven (accept **Twenty-seventh** Amendment)

ORCHESTRAL INSTRUMENTS

Name some musical instruments commonly found in a modern orchestra.

(1) Common string instrument with a high-pitched tone, sometimes called a fiddle.

ANSWER: violin

(2) Mid-toned string instrument that is slightly larger than the answer to part one.

ANSWER: viola

(3) Keyboard instrument with eighty-eight black and white keys.

ANSWER: piano (accept grand or grand piano or baby grand; accept pianoforte)

(4) Upright instrument whose forty-seven strings are played by plucking.

ANSWER: harp (accept pedal harp; accept concert harp)

(5) Percussion instrument made of a bent metal rod, used for bright "ding" sounds.

ANSWER: triangle

(6) Low-pitched string instrument played by Yoyo Ma, that is braced between the player's legs.

ANSWER: cello

(7) The lowest-pitched string instrument that is often played while standing.

ANSWER: bass (accept double bass; accept bass viol or bass violin; accept violone)

(8) Single-reed woodwind instrument with seven finger-holes on its cylindrical barrel.

ANSWER: clarinet (accept specific types like alto clarinet)

(9) Double-reed woodwind instrument that is higher-pitched than the bassoon.

ANSWER: oboe

(10) Metal-barred percussion instrument whose name is German for "set of bells."

ANSWER: glockenspiel (do not accept or prompt on "xylophone" or "marimba" or "bells")

FIRST GEN POKÉMON

Name some Generation I [one] Pokémon, given their Pokédex number, their type, and a description.

(1) 25; electric type; the yellow companion of Ash.

ANSWER: Pikachu

(2) 136; the fire type “Eevee”-lution.

ANSWER: Flareon

(3) 143; normal type; an enormous, sleepy Pokémon.

ANSWER: Snorlax

(4) 1; grass-poison type; one of the three Kanto starters.

ANSWER: Bulbasaur

(5) 130; water-flying type; evolves from Magikarp.

ANSWER: Gyarados

(6) 77; fire type; a flaming horse that evolves into Rapidash.

ANSWER: Ponyta

(7) 144; ice-flying type; a legendary bird along with Zapdos and Moltres.

ANSWER: Articuno

(8) 76; rock-ground type; the evolution of Graveler.

ANSWER: Golem

(9) 137; normal type; the subject of an anime episode that caused mass epileptic seizures.

ANSWER: Porygon

(10) No number; bird-normal type; a glitch in Pokémon Red and Blue.

ANSWER: MissingNo. [”Missing Number” or ”Missing No”]

Final Challenge

(36) Name the three-dimensional shape whose volume can be calculated as four-thirds times pi times the radius cubed, and which consists of all the points an equal distance from its center.

ANSWER: sphere

(37) Malagasy is the official language and primary ethnic group of what country, which the Mozambique Channel separates from the southeast coast of Africa?

ANSWER: Madagascar

(38) What modern American organization succeeded the Office of Strategic Services as the group responsible for monitoring international spies, unlike the domestic-focused FBI?

ANSWER: CIA (accept Central Intelligence Agency)

(39) Name the group of Greek gods that included Atlas, Prometheus, and Cronos, and that preceded the Olympians.

ANSWER: Titans

(40) Give the common name for the element with the Latin name *argentum*. This element is a precious metal found just above gold on the periodic table.

ANSWER: silver

(41) Name the novel in which the title woman works as a governess at Thornfield Hall, where she falls in love with Edward Rochester, a work by Charlotte Brönte.

ANSWER: Jane Eyre

(42) What European country was annexed during the Anschluss, when Nazi troops escorted Hitler to this country's capital, Vienna?

ANSWER: Austria (accept Federal State of Austria or Bundesstaat Österreich; accept Republic of Austria or Republik Österreich)

(43) Name the musical instrument for which J.S. Bach wrote his *Toccatina and Fugue in D minor*. This instrument is played by forcing air through pipes, often in a church.

ANSWER: organ (accept pip organ; accept church organ)

(44) Mysticetes [mye-stih-sih-teez] is a division of these mammals, also called cetaceans [seh-tay-shunz], that have two blowholes and use baleen to filter plankton from seawater.

ANSWER: whale (accept cetacean before it is read)

(45) Name the U.S. state that contains the Wainwright Building and the Gateway Arch in its second-largest city, Saint Louis.

ANSWER: Missouri

(46) *Infinite* is the sixth main game in what Xbox combat franchise, the subject of a Paramount+ TV series that premiered in March 2022?

ANSWER: Halo (Halo:Infinite; accept Halo: Combat Evolved)

(47) Name the novel by Jules Verne in which a group of explorers discover mammoths and dinosaurs in caverns deep underground after reaching the title place through an Icelandic volcano.

ANSWER: A Journey to the Center of the Earth (accept Voyage au centre de la Terre)

(48) What American architect created "Prairie Style" homes like Robie House in Chicago and Fallingwater in Pennsylvania?

ANSWER: Frank Lloyd Wright (accept Frank Lincoln Wright)

(49) What philanthropist, born Lady Spencer, became Princess of Wales when she married England's Prince Charles, and was killed in a 1997 car crash in Paris?

ANSWER: Diana (accept Princess Di or Princess Diana; accept Diana Frances Spencer)

(50) Name the kind of blood vessel that carries oxygenated blood away from the heart, and that is exemplified by the aorta.

ANSWER: artery (accept arteries; do not accept or prompt on other kinds of blood vessels, such as veins)

(51) What poet wrote "Good fences make good neighbors" in "Mending Wall", and explained that he "took the one less traveled by" in "The Road Not Taken"?

ANSWER: Robert Frost (accept Robert Lee Frost)

(52) What sport awards the Lady Byng Trophy for sportsmanship, the Art Ross Trophy for total points, and the Conn Smythe Trophy for excellence during the Stanley Cup Playoffs?

ANSWER: hockey (accept National Hockey League; accept NHL)

(53) Name the city whose Bird's Nest stadium hosted the opening ceremony of the 2008 Summer Olympics, the capital of China.

ANSWER: Beijing

(54) Name the mathematical operation that gives the positive magnitude of a quantity. It is written as vertical bars surrounding a quantity, and results in a value of two when performed on both two and negative two.

ANSWER: absolute value

(55) What infectious agents have variants like H1N1, and cause chickenpox, the flu, and HIV?

ANSWER: viruses