

2021 Stateline Junior Quiz Bowl

Game 2

Buzz-In Round

(1) J. Bruce Ismay and Molly Brown survived the sinking of what White Star Line ship that struck an iceberg on its way to America in 1912 although it was supposed to be “unsinkable?”

ANSWER: RMS Titanic

(2) What organ’s pyloric sphincter connects to the duodenum, the first section of the small intestine, and uses acid to digest food?

ANSWER: stomach

(3) What Grimm brothers character is poisoned with a comb and an apple by her wicked stepmother after she runs away to live with seven dwarves?

ANSWER: Snow White (accept Sneewittchen or Schneeweisschen)

(4) What painting by Leonardo da Vinci depicts the wife of Francesco del Giocondo, and is known for its lack of eyebrows and its enigmatic smile?

ANSWER: Mona Lisa (accept La Gioconda)

(5) What major American river flows out of Lake Itasca in Minnesota and passes through Saint Louis and New Orleans on the way to the Gulf of Mexico?

ANSWER: Mississippi River

(6) What type of geologic feature can have a “shield” or “cinder-cone” form, and can release tephra and lava during eruptions?

ANSWER: volcano (accept shield volcanos; accept cinder-cone volcanos)

(7) What Greek goddess, the daughter of Demeter, ate the seeds of a pomegranate after being kidnapped by the god of the underworld, who became her husband?

ANSWER: Persephone

(8) Name the 1871 Illinois disaster that began on De Koven Street and is often blamed on Mrs. O’Leary’s cow kicking over a lantern.

ANSWER: Great Chicago Fire of 1871 (accept descriptions of Chicago burning; prompt on partial answers)

(9) The shoelace algorithm can give what quantity, which is calculated by formulas like “one-half times base times height” and is measured in units like square feet?

ANSWER: area (accept area of a triangle or area of a shape)

(10) Name the European country where Antoni Gaudi designed the Sagrada Familia Basilica in the city of Barcelona.

ANSWER: Spain (accept Kingdom of Spain; accept Reino de España)

(11) What literary character rescues Little Eva St Clare, but is killed after being sold to Simon Legree in a Harriet Beecher Stowe novel named for his “Cabin?”

ANSWER: Uncle Tom (accept Uncle Tom’s Cabin)

(12) Name the company that produced the Famicom and Virtual Boy consoles, and now distributes *Mario* games for consoles like the Switch.

ANSWER: Nintendo

(13) What American president gave the Fireside Chats and established a series of programs nicknamed the “New Deal” during the Great Depression?

ANSWER: Franklin D. Roosevelt (both underlined portions required; accept FDR; prompt on “Roosevelt” alone)

(14) Name the Lois Lowry novel in which Jonas becomes an apprentice to the Receiver of Memory, who is the only member of his community who can recall emotion and see in color.

ANSWER: The Giver

(15) What phase of matter is described as “viscous” if it is thick enough to resist flowing, and occurs below the boiling point of a substance?

ANSWER: liquids

(16) Name the painting technique used by Raphael to create *The School of Athens*; in this technique, paint is applied to fresh, wet plaster on a wall.

ANSWER: fresco (prompt on “mural”)

(17) What mathematical concept is calculated by the difference quotient “y two minus y one, all over x two minus x one” $[(y_2 - y_1) / (x_2 - x_1)]$, a formula often remembered as “rise over run?”

ANSWER: slope (prompt on “rise over run” before it is read)

(18) What 2019 movie includes an epic music video for the song “Lost in the Woods,” which is sung by Kristoff after Anna [AH-nah] and Elsa leave him in an enchanted forest?

ANSWER: Frozen 2

(19) What American state sits next to the Bering Sea and contains the cities of Anchorage and Juneau?

ANSWER: Alaska

(20) In what country did the author of the *Analects* and Lao Tzu [lah-oh tsuh] found the philosophies of Confucianism and Daoism?

ANSWER: China (accept Zhongguo)

Volleyball Round

(1) After fan outcry, what speedy blue hedgehog was redesigned for a 2020 film that stars Jim Carrey as his enemy, Doctor Robotnik?

ANSWER: Sonic the Hedgehog

(2) Name the J.R.R. Tolkien novel, subtitled *There and Back Again*, in which Bilbo Baggins outsmarts Gollum while adventuring with thirteen dwarves.

ANSWER: The Hobbit, or There and Back Again

(3) Name the novel by E.B. White in which the title spider writes inspiring messages over a pig named Wilbur to save him from being butchered.

ANSWER: Charlotte's Web

(4) What kind of fish has “Requiem” species that give birth to live young, as well as friendly “Lemon” and large “Hammerhead” varieties?

ANSWER: sharks (accept requiem sharks; accept lemon sharks or hammerhead sharks)

(5) What religious activity, called salat in Arabic, is performed five times daily in Islam and can be performed using a rosary in Catholicism?

ANSWER: prayer (accept word forms like praying; prompt on “worshipping;” prompt on “rosary” before mentioned)

(6) The Battle of Kadesh is often cited as the largest ancient battle of what horse-drawn vehicles, which were raced in Rome's Circus Maximus?

ANSWER: chariots

(7) What molecule is used to make soft drinks fizzy; is exhaled by humans; and consists of a carbon bonded to two oxygen atoms?

ANSWER: carbon dioxide (accept CO₂ [C-O-2] before “two” is read, and prompt on it afterward)

(8) If two vectors are perpendicular, they form what type of angle, which is exactly half the size of a straight angle?

ANSWER: right angle (accept 90 degree angle; prompt on “90”)

(9) The Arno River flows through what city in the Tuscany region of central Italy whose cathedral's bell tower has a famous four-degree lean?

ANSWER: Pisa (accept leaning tower of Pisa)

(10) Pop artist Jasper Johns is known for his paintings of this patriotic object, which he repeatedly painted with forty-eight stars and thirteen stripes.

ANSWER: American flag

(11) Foucault [foo-koh] demonstrated the rotation of the Earth using what kind of simple harmonic oscillator, which consists of a swinging weight at the end of a string?

ANSWER: pendulum

(12) Name the American activist who was taught by Anne Sullivan, and whose autobiography, adapted as *The Miracle Worker*, describes her early life as a deaf and blind child.

ANSWER: Helen Keller (accept Helen Adams Keller)

(13) Give the surname shared by the literary sisters Anne, Charlotte, and Emily, who wrote novels like *Jane Eyre* and *Wuthering Heights*.

ANSWER: Brontë (accept Anne, Charlotte, or Emily Brontë)

(14) What science fiction novel by Orson Scott Card follows Andrew Wiggin as he attends Battle School to learn to fight an invading race of insectoid aliens?

ANSWER: Ender's Game

(15) *My Bondage and My Freedom* is an autobiography by what abolitionist and former slave who ran for vice president in 1872?

ANSWER: Frederick Douglass (accept Frederick Bailey)

Lightning Rounds

The categories are . . .

1. Plant Structures
2. Heracles
3. Board Games

PLANT STRUCTURES

Identify the following parts of a plant.

(1) Structures that branch out underground to draw nutrients from the soil.

ANSWER: roots

(2) Seed-bearing structures that develop from flowers, and are often sweet.

ANSWER: fruits

(3) Long, thin leaves, common on evergreens, that help a plant retain water.

ANSWER: needles (accept fascicles)

(4) A shoot at the tip of a plant's stem that can bloom into leaves or flowers.

ANSWER: buds

(5) Thick, outer covering that protects the stems of woody plants, like trees.

ANSWER: tree bark (accept periderm)

(6) Specialized, colorful leaves that sit above sepals and attract pollinators to a plant.

ANSWER: petals

(7) Tiny particles that can spread a plant's microspores by traveling on the wind.

ANSWER: pollen grains

(8) Green pigment in leaves that allows plants to undergo photosynthesis.

ANSWER: chlorophyll

(9) The "male" part of a flower, consisting of an anther and a filament.

ANSWER: stamens

(10) The "female" part of a flower, made up of an ovary, stigma, and style.

ANSWER: pistils

HERACLES

Identify the following people and things from the myths of Heracles.

(1) The goddess who curses Heracles because he's the son of her husband, Zeus.

ANSWER: Hera

(2) The number of labors Heracles performs to atone for killing his wife and children.

ANSWER: twelve

(3) The three-headed guard dog of Hades that Heracles captures.

ANSWER: Cerberus

(4) The many-headed creature that Heracles defeats by burning the stumps of its heads.

ANSWER: Lernaean hydra

(5) The big cat from Nemea whose impenetrable skin Heracles wears after he kills it.

ANSWER: Nemean lion

(6) The animal from Crete that Heracles captures; it is the father of the Minotaur.

ANSWER: Cretan bull (prompt on "cattle" or "cow")

(7) The tribe of warrior women whose leader, Hippolyta, has her girdle taken by Heracles.

ANSWER: Amazons

(8) The fruit owned by the Hesperides [hess-pay-rih-deez] that is stolen by Heracles.

ANSWER: golden apples

(9) The kind of building that Heracles cleans out by diverting a river through it.

ANSWER: Augean stables

(10) The animal from Mount Erymanthos that Heracles catches by chasing it into deep snow.

ANSWER: Erymanthian boar

BOARD GAMES

Given a description of gameplay, name the board game.

(1) Bishops, knights, and rooks try to checkmate the king.

ANSWER: chess

(2) Players announce "king me" after a piece reaches the other side of the board.

ANSWER: checkers

(3) Players receive two hundred dollars after passing Go.

ANSWER: Monopoly

(4) Hasbro game where point bonuses are awarded for "triple letter" and "double word" spaces.

ANSWER: Scrabble

(5) Five vessels are targeted with guesses like "B six" or "H twelve."

ANSWER: Battleship

(6) Territories like Yakutsk and Northern Europe are attacked via dice rolls.

ANSWER: Risk

(7) A secret passage connects the Lounge and Conservatory, in which accusations can be made.

ANSWER: Cluedo

(8) Sheep, wheat, wood, ore, and bricks are acquired and traded on a hexagonal board.

ANSWER: Settlers of Catan (accept Settlers)

(9) Miners, Scouts, and Sergeants try to avoid bombs and capture a hidden flag.

ANSWER: Stratego

(10) Beads or seeds are placed into two rows of holes, then moved and captured.

ANSWER: Mancala

Final Challenge

(1) What sport is featured in an Ernest Thayer poem in which Flynn and Blake reach scoring position for the Mudville Nine, but lose the game when Mighty Casey strikes out?

ANSWER: baseball

(2) What mountain range is the source of the Rhine river and contains peaks like the Matterhorn and Mont Blanc in Switzerland, France, and Italy?

ANSWER: Alps (accept Alpen; accept Alpi; accept Alpe)

(3) What objects can be “seeded” with silver iodide spread by airplanes, which forces these objects to gather water droplets and produce rain?

ANSWER: clouds (accept cumulus clouds; accept stratus clouds)

(4) What game franchise introduced Giganta-maxing in the 2019 *Sword* and *Shield* games, allowing fans to enlarge creatures like Butterfree and Charizard?

ANSWER: Pokémon

(5) What modern country was the site of the ancient Peloponnesian War fought between city-states like Corinth, Sparta, and Athens?

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

(6) What biblical figure destroyed his brother Aaron’s golden calf idol after receiving the Ten Commandments, and led the Israelites out of slavery in Egypt?

ANSWER: Moses (accept Moshe; accept Musa)

(7) The corpus callosum connects the hemispheres of what human organ that contains the cerebellum and the cerebrum?

ANSWER: brain (accept cerebrum until “cerebellum” is read)

(8) What instrument is the only instrument to be doubled in a traditional string quartet, and is higher-pitched than a viola?

ANSWER: violin

(9) Name the American president whose death was examined by the Zapruder film, which shows this man being assassinated in 1963 by Lee Harvey Oswald.

ANSWER: John F. **Kennedy** (accept **JFK**; accept John Fitzgerald **Kennedy**)

(10) What profession do Hercule Poirot [ayr-KYOOOL pwah-ROH] and Jane Marple have in novels by Agatha Christie, an English author nicknamed the “Queen of Crime?”

ANSWER: private **detective**

(11) Name the element that forms verdigris when exposed to air, as seen on the outer layer of bronze statues, and whose chemical symbol is Cu [C-U].

ANSWER: **copper** (accept **Cu** before it is read)

(12) Name the World War II battle that included a fake an attack on Pas de Calais [pah duh kah-lay] and an Allied sea landing on the beaches of Normandy on June 6th, 1944.

ANSWER: **D-Day** (accept **Operation Overlord**; accept **Operation Neptune**; accept descriptions like **Normandy** invasion or **Normandy** landings before “Normandy” is read)

(13) Which ocean contains the Coral Sea, is divided by the International Date Line, and is home to the islands of Guam, Polynesia, and Hawaii?

ANSWER: **Pacific** Ocean

(14) What style of poetry, frequently used by Matsuo Basho [maht-soo-oh bah-shoh], includes a “cutting word” and has three lines divided into five, seven, and five syllables?

ANSWER: **haiku**

(15) Name the weakest fundamental force, which causes acceleration of 9.8 meters per second squared as it pulls objects toward the Earth.

ANSWER: **gravity**

(16) Marco Polo wrote about his travels on what trade route that connected Europe to Asia, and which is nicknamed for an Asian-made fabric it transported?

ANSWER: **Silk Road**

(17) Name the ancient Egyptian goddess who searched across Egypt after her brother Set tore her husband, Osiris, into pieces.

ANSWER: Isis (accept Ase)

(18) Thirty-two silkscreen prints of what objects were created by pop artist Andy Warhol, who included Turkey Noodle and Beef Broth in his depictions of “Campbell’s” ones?

ANSWER: Campbell’s soup can (accept descriptions like can of soup or tin can)

(19) What actor, whose first role was as Patsey in *12 Years a Slave*, played Nakia in *Black Panther*?

ANSWER: Lupita Nyong’o

(20) What three-dimensional shape, which can be sliced to create parabolas, ellipses, or hyperbolas, is usually drawn with a circular base tapering to a single point?

ANSWER: cone (accept conic sections)