

Stateline Juniors 2023

Game 8

Buzz-In Round

- 1) What President, who ignored Chief Justice Roger Taney's [tawny's] ruling in "ex parte Merriman," controversially suspended Habeas Corpus in 1863 while leading the Union during the Civil War?

Answer: Abraham Lincoln

- 2) What city, whose expensive neighborhoods include Mayfair and Chelsea, is also home to Kensington Palace, Windsor Castle, Buckingham Palace, and other royal English residences?

Answer: London

- 3) In what organ, which is followed by the duodenum, is chyme [kyme] digested by gastric acid, having been brought to this organ by the esophagus?

Answer: stomach

- 4) In what vocal range do singers perform *The Magic Flute's* song "Der Holle Rache" [der HALL-uh ROCK-uh] while playing the Queen of the Night, who sings a series of very high notes in this vocal range?

Answer: soprano

- 5) What branch of languages can be divided into Hakka and Wu, and has an officially "standard" form of Mandarin used for business in Beijing?

Answer: Chinese (accept Sinitic; accept Hanyu; specific types like Hakka Chinese or Mandarin Chinese)

- 6) What queen, who was embroiled in the Affair of the Diamond Necklace, fled to Varennes amidst revolution and was executed in 1793, nine months after her husband, Louis XVI [16th]?

Answer: **Marie Antoinette** (accept **Maria Antonia** Josepha Johanna)

- 7) What type of conic section has an eccentricity between zero and one? This oval-like shape is essentially a circle that has been "stretched" horizontally or vertically.

Answer: **ellipse**

- 8) Name the author who wrote about Pierre Bezukov and Count Vronsky in long Russian novels like *Anna Karenina* and *War and Peace*.

Answer: Leo **Tolstoy** (accept Lev Nikoleyevich **Tolstoi**)

- 9) Windsor, Ontario is just south of what major US city, which fuels the suburbs of River Rouge and Dearborn thanks to automotive factories and is the largest city in Michigan?

Answer: **Detroit**

- 10) What classic board game's rules are the subject of a battle between Hasbro and Merriam-Webster over what can be played on this game's 15-by-15 grid and its eight "Triple Word Score" squares?

Answer: **Scrabble**

- 11) What Spanish Surrealist artist created *Lobster Telephone* and painted soft, melty-looking clocks in *The Persistence of Memory*?

Answer: Salvador **Dali** (accept Salvador Domingo Felipe Jacinto **Dali** i Domenech)

- 12) In the 2023 movie *Renfield*, Nicolas Cage plays what classic literary character living in modern-day New Orleans instead of in his vampiric castle in Transylvania?

Answer: Count **Dracula**

- 13) Lahars are landslides created by the "mud" type of what geologic features, which may create pyroclastic flows when they violently erupt?

Answer: **volcano**

- 14) What element, which is formed by the proton-proton chain in stars like our Sun or smaller, has two protons and an atomic symbol of He [H-E]?

Answer: **helium** (accept **He** before it is read)

- 15) What novel set in Maycomb, Alabama concerns a court case in which Tom Robinson is falsely convicted, and was the first novel by Harper Lee to describe Scout and Atticus Finch?

Answer: **To Kill a Mockingbird**

- 16) What modern country's myths describe the Rainbow Serpent and Captain Cook, a European who terrorized this southern nation's Aboriginal people?

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

- 17) What man, who led the Kulturkampf campaign and gave the "Blood and Iron" speech as Minister of Prussia, became the namesake of the capital city of North Dakota?

Answer: Otto von **Bismarck**

- 18) Fleischmann and Pons falsely claimed to have found a room-temperature method of what process, which generates energy by combining atoms together, unlike the separation process of nuclear fission?

Answer: nuclear **fusion** (accept cold **fusion**)

- 19) Russia's Kamchatka, the Italian mainland, and Mexico's Yucatan are examples of what geographic feature, a section of land that is surrounded by water on three sides?

Answer: **isthmus**

- 20) What American author pretended that he had discovered the notes of Diedrich Knickerbocker and used the pseudonym "Geoffrey Crayon" to write a collection of short stories like "Rip Van Winkle?"

Answer: Washington **Irving**

Volleyball Round

- 1) What franchise's spin-off shows include *Bad Batch*, *Visions*, and one in which the title *Mandalorian* protects Grogu, a character nicknamed "Baby Yoda?"

Answer: **Star Wars**

- 2) What men, who worked and studied in a bicycle workshop in Dayton, Ohio, carried out the first powered airplane flight at Kitty Hawk in 1903?

Answer: **Wright** brothers (accept Orville and/or Wilbur **Wright**)

- 3) What retrovirus, which is treated by a medicine called AZT, causes a reduction in T cell count and can lead to AIDS?

Answer: **HIV** (accept **Human Immunodeficiency Virus**)

- 4) What physical quantity, which is multiplied by pressure in the ideal gas law, can be equivalently measured in cubic centimeters or in milliliters?

Answer: **volume**

- 5) The 2010 Deepwater Horizon disaster took place in what body of water and polluted beaches on this body of water's shores in Biloxi, Mississippi and Pensacola, Florida?

Answer: **Gulf of Mexico**

- 6) Name the English singer who has broken into acting in films like *Dunkirk* and *My Policeman*, and who sings "Late Night Talking" and "As it Was."

Answer: Harry **Styles** (accept Harry Edward **Styles**)

- 7) What autumn holiday includes a special Puja for Lakshmi, the goddess of prosperity, and is nicknamed the "festival of lights" for its festive use of rangoli patterns and diya lamps?

Answer: **Diwali** (accept **Divali**; accept **Deepavali** or **Deepawali**; prompt on "Festival of Lights" before it is read)

- 8) The Crab Nebula was created by what type of very powerful stellar explosion, which often leads to the formation of a black hole?

Answer: **supernova** (do not accept or prompt on "nova")

- 9) Name the fantasy travel novel by Jonathan Swift in which a title doctor meets six-inch-tall people in Lilliput and sixty-foot-tall people in Brobdingnag.

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**)

- 10) What ancient city-state, which began as a small city in the Akkadian Empire, eventually became the capital of a major Mesopotamian empire and the site of one of the Seven Wonders of the World?

Answer: **Babylon**

- 11) Complex numbers include a "real number" component and what other type of number, which involves the square root of negative one, symbolized i ?

Answer: **imaginary** numbers

- 12) What nineteenth-century French author's *Extraordinary Voyages* series includes *From the Earth to the Moon* and *Twenty Thousand Leagues Under the Sea*?

Answer: Jules **Verne** (accept Jules Gabriel **Verne**)

- 13) What British law, passed in 1765, applied a tax on printed goods like newspapers, playing cards, and legal documents, and was controversial because American colonists had no say in its application?

Answer: **Stamp** Act

- 14) What German composer wrote the operas *Lohengrin* and *Parsifal*, as well as four Norse myth-inspired operas, the Ring Cycle, which take nearly a full day to perform?

Answer: Richard **Wagner** (accept Wilhelm Richard **Wagner**)

15) What pair of things "equally lay in leaves no step had trodden black" where they "diverged in a yellow wood" in a poem by Robert Frost?

Answer: road (accept The **Road Not Taken**)

Lightning Round

The categories are...

- 1) Brazil
- 2) Mythical Greek Punishments
- 3) Countries in Eurovision 2023

Brazil

Name the following people, places, or things related to the country of Brazil.

1) The continent it is on.

Answer: **South America**

2) Its largest neighbor by area; this country's capital is Buenos Aires.

Answer: **Argentina** (accept **Argentine** Republic)

3) Brazil's capital city.

Answer: **Brasilia**

4) Non-capital city that hosted the 2016 Summer Olympics.

Answer: **Rio** de Janeiro

5) Most populous city, named for a Christian saint.

Answer: **São Paulo** (prompt on "Saint Paul")

6) Its official language.

Answer: **Portuguese**

7) Major river that hosts the world's largest rainforest in northern Brazil.

Answer: **Amazon** River

8) Natural resource produced and sold by Petrobras.

Answer: **oil** (accept **petroleum**; accept **gasoline**; accept **natural gas**; prompt on "fuel" or "fossil fuel")

9) Practice banned by the Golden Law in 1888; Brazil was the last Western country to ban it.

Answer: **slavery** (accept word forms like **slaves**; accept descriptions like **selling people** or **owning humans**)

10) Right-wing leader who lost the 2022 Presidential election.

Answer: Jair **Bolsonaro** (accept Jair Messias **Bolsonaro**)

Mythical Greek Punishments

Name some figures from Greek myth based on a description of their crimes and the often-ironic punishments they suffered because of them.

- 1) He performed twelve labors because he killed his family.

Answer: **Heracles** (accept **Hercules**)

- 2) Her hair transformed into snakes because she defiled Athena's temple.

Answer: **Medusa**

- 3) He was unable to eat or drink because he foolishly asked for the golden touch.

Answer: **Midas**

- 4) An eagle ate his liver every day because he gave fire to humans.

Answer: **Prometheus**

- 5) She was turned into a spider because she bragged about her weaving.

Answer: **Arachne**

- 6) She could only repeat the words of others because she lied to Hera to protect Zeus.

Answer: **Echo**

- 7) He died by a pool of water because he fell in love with his own reflection.

Answer: **Narcissus**

- 8) No one believed her correct predictions because she tricked Apollo.

Answer: **Cassandra**

- 9) He was forced to roll a boulder up a hill again and again because he tricked the god of death.

Answer: **Sisyphus**

- 10) He was prevented from eating or drinking in Hades because he fed his son, Pelops, to the gods.

Answer: **Tantalus**

Countries in Eurovision 2023

Name the following countries based on their participation in the 2023 Eurovision Song Contest.

1) Hosted the competition in Liverpool.

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

2) Was supposed to host until it was invaded by Russia.

Answer: **Ukraine**

3) Represented with the song "Tattoo" by Loreen, who was born in Stockholm.

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

4) Represented by the song "Eaea," [ay-ah-ay-ah] which is in the "new flamenco" genre.

Answer: **Spain** (accept Kingdom of **Spain** or Reino de **Espana**)

5) Represented by Noa Kirel, a singer of Ashkenazi Jewish descent.

Answer: **Israel** (accept State of **Israel**; accept Medinat **Yisrael**)

6) Represented with the song "Power" by Dilja Petursdottir, who was born south of Reykjavik.

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

7) Big Five country with the song "Évidemment" [eh-vee-dah-MAWN].

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

8) Scandinavian country whose song "Cha Cha Cha" is performed in Suomi.

Answer: **Finland** (accept Republic of **Finland**; accept **Suomen** tasavalta)

9) Non-European country whose song "Promise" is performed by a band from Perth.

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

10) Represented by a song whose singer is possessed by Edgar Allan Poe.

Answer: **Austria** (accept Federal State of **Austria** or Bundesstaat **Osterreich**; accept Republic of **Austria** or Republik **Osterreich**)

Final Challenge

- 1) Ishtar Terra is a landform on which planet, which has thick clouds of sulfuric acid and takes two-hundred-twenty-four Earth days to orbit the Sun?

Answer: Venus

- 2) What US state is home to Nathan MacKinnon's defending Stanley Cup champions, NBA MVP Nikola Jokic [JOH-kitch], and an NFL team that traded for Russell Wilson: the Avalanche, Nuggets, and Broncos, all of whom play in Denver?

Answer: Colorado

- 3) In calculus, the derivative can compute what quantity for a curve? In algebra, this quantity is the M in the "y equals m x plus b" form of a line, and indicates how steep the line is.

Answer: slope

- 4) What mountain range, which includes Monte Rosa, the Matterhorn, and Mont Blanc, covers parts of Germany, Austria, Switzerland, Italy, and France as the highest mountain range in Europe?

Answer: Alps (accept Alpine Mountains)

- 5) What US state, whose territory was the subject of the Adams-Onis treaty, was the site of three Seminole Wars, based around Lake Okeechobee and in the Everglades?

Answer: Florida

- 6) Eu-mycota are called the "true" type of what organisms, which are studied by mycologists and make up a kingdom that includes yeasts and mushrooms?

Answer: fungus (accept fungi)

- 7) What group of British writers wrote the novels *Agnes Grey*, *Wuthering Heights*, and *Jane Eyre*, and are three sisters named Anne, Charlotte, and Emily?

Answer: **Bronte** (accept Anne, Charlotte, and/or Emily **Bronte**; accept the **Brontes** or the **Bronte** sisters)

- 8) Ta-Miu was what kind of domestic animal that were frequently mummified in honor of the goddess Bast, and which were honored for their work catching mice?

Answer: **cat** (accept common nicknames like **kitty**-cat or **pussy**-cat; accept **felines**; accept **felis catus** or **felis silvestris catus**; accept Egyptian wildcat or **felis silvestris lybica**; do not accept or prompt on "lion" or "lioness")

- 9) John Philip Sousa's sousaphone is a marching type of what instrument, which is typically the largest and lowest brass instrument in a wind band?

Answer: **tuba**

- 10) What imperial family, whose members commonly had a namesake deformed lip, included Charles V and Maria Theresa and ruled places like Austria and the Holy Roman Empire for centuries?

Answer: **Habsburgs**

- 11) What poem describes angels who "chill" and "kill" a woman out of jealousy, and was written by Edgar Allan Poe about a title woman who lived "many and many a year ago / in a kingdom by the sea?"

Answer: **Annabel Lee** (do not accept or prompt on a partial answer)

- 12) What US state, which is the home of Mount Desert Island, Acadia National Park, and the city of Bangor, borders the province of New Brunswick and has its capital at Augusta?

Answer: **Maine**

- 13) In a poem by Carl Sandburg, what city is a "Player with Railroads," "the Nation's Freight Handler," and the "Hog Butcher for the World" because of its position as a hub on the Illinois shore of Lake Michigan?

Answer: **Chicago**

- 14) The quadriga is a type of what vehicle, thousands of which were used at the Battle of Kadesh in 1274 BCE, and which were raced at the Circus Maximus in ancient Rome?

Answer: **chariot**

- 15) What Asian country, whose cities include Darkhan and Ulaanbaatar, is the second-largest landlocked country in the world and found between China and Russia?

Answer: **Mongolia** (accept **Mongol** Uls)

- 16) Warfarin counteracts what vitamin, which is commonly found in leafy green vegetables and whose name is inspired by the German word for its primary purpose, coagulation?

Answer: Vitamin **K**

- 17) Giving a function a superscript of "negative one" indicates what other type of function? This word also describes a reciprocal, because it "undoes" the original multiplication to return "one," the multiplicative identity.

Answer: **inverse**

- 18) A child asks "what is [this substance]?" in a poem by Walt Whitman that appears in his collection titled *Leaves of this plant*.

Answer: **grass** (accept what is the **grass**; accept **Leaves of Grass**)

- 19) What Russian scientist predicted the existence of eka-silicon and eka-aluminium - now known as germanium and gallium - by studying atomic patterns in what became the periodic table?

Answer: Dmitri **Mendeleev** (accept Dmitri Ivanovich **Mendeleev**)

- 20) What specific type of jewelry painted by Johannes Vermeer might actually have been made of tin, and hangs over the collar of a young woman wearing a blue and yellow headdress?

Answer: **pearl earring** (accept **Girl with a Pearl Earring**; accept **parel** or **Meisje met de parel**; prompt on partial answers)