

1st and 3rd periods. In these periods, your team will choose a category and be read ten questions for you to complete in ninety seconds. After each response, the moderator will indicate whether or not it was correct.

Bonus Category: LITERATURE SERIES BY TITLES

Name the series that includes these titles:

1. *Kristy's Great Idea, Claudia and the Little Liar, Kristy and the Dirty Diapers*

answer: Baby-sitters Club

2. *Flyte, Physik, and Queste*

answer: Septimus Heap

3. *Bayport Buccaneers, The Mummy Case, The Arctic Patrol Mystery*

answer: Hardy Boys (Mysteries or Casefiles)

4. *The Field Guide, The Seeing Stone, The Wrath of Mulgarath*

answer: The Spiderwick Chronicles

5. *Welcome to Camp Nightmare, Night of the Living Dummy, Don't Go to Sleep!*

answer: Goosebumps

6. *Attack of the Talking Toilets, Big, Bad Battle of the Bionic Booger Boy, Wrath of the Wicked Wedgie Woman*

answer: Captain Underpants

7. *The Bad Beginning, The Reptile Room, The Penultimate Peril*

answer: A Series of Unfortunate Events

8. *Mattimeo, Martin the Warrior, The Sable Queen*

answer: Redwall

9. *The First Four Years, On the Banks of Plum Creek, Old Town in the Green Groves*

answer: Little House on the Prairie

10. *The Arctic Incident, The Opal Deception, The Time Paradox*

answer: Artemis Fowl

Bonus Category: EUROPEAN HISTORY

1. What German city was divided by a wall from 1961 to 1989?

answer: Berlin

2. What upright device with a suspended blade was used to decapitate enemies of the French Revolution?

answer: guillotine

3. Heinz Fischer is the current President of what country previously ruled by Hapsburgs, with capital Vienna?

answer: Austria

4. What fleet of ships did Philip II of Spain send against England in 1588?

answer: Spanish Armada or Grande y Felicísima Armada

5. The Papal States were territories Popes ruled that today are largely part of what country?

answer: Italy

6. By what name was the Romanian ruler Vlad the Impaler known, that Bram Stoker also used for a literary work?

answer: Dracula

7. Martin Luther led what effort to transform the Catholic Church, that created many Protestant churches?

answer: The Reformation

8. In 1569, Poland was joined in a commonwealth with what other country centered at Vilnius?

answer: Lithuania

9. Known as "Il Duce" [DOO-chay], what man led Italy during World War II?

answer: Benito Mussolini

10. In 1637, the Dutch economy was hurt by a mania over what flowers commonly given around Easter?

answer: tulips

Bonus Category: ROCKS AND MINERALS

1. Sodium chloride is the chemical name of what common mineral?

answer: (table) salt

2. Ranking a ten on the Mohs hardness scale is what valuable gem made up of carbon?

answer: diamond

3. What is the study of rocks found on Earth known as?

answer: geology (accept: petrology)

4. Anthracite and bituminous are types of what black rock?

answer: coal

5. What oxide mineral, formula SiO_2 , is placed in watches due to its electric properties?

answer: quartz

6. Weightlifters put on their hands the dust of what form of limestone, also used for tennis court lines and in classrooms with slate walls?

answer: chalk

7. Winning tribes on *Survivor* are often given what mineral that sparks when struck with steel, used to start fire?

answer: flint

8. Hypokalemia is a deficiency of what dietary mineral found in orange juice and bananas, with chemical symbol K?

answer: potassium

9. While red corundum is called a ruby, by what name is it known in other colors, especially blue?

answer: sapphire

10. The Venus de Milo is a sculpture composed of what form of limestone, also used in the Taj Mahal?

answer: marble

Bonus Category: JAPANESE THINGS

1. Fresh, rookie, champion, and mega are levels of these evolving creates that include Locomon and Shurimon.

answer: Digimon

2. Chen Kenichi was the Chinese-cooking title character in this TV competition featuring a timed cooking battle built around a theme ingredient.

answer: Iron Chef or Iron Men Cooking or Ryōri no Tetsujin (do not accept "Iron Chef America," Kenichi never appeared on that version)

3. Meaning "tray planting," this term describes small plants that have been manipulated into special shapes.

answer: bonsai

4. Portege and Tecra laptops, REGZA televisions, and Strata phones are products of what company?

answer: Toshiba

5. This reptilian monster has battled King Ghidorah, Mothra, Orga, and Kumonga in films.

answer: Godzilla

6. California roll is a version of this raw fish dish that includes avocado and cucumbers.

answer: sushi

7. Badtz-maru, Deery-Lou, and Cinnamoroll are friends of what character who first appeared on a coin purse?

answer: Hello Kitty

8. This Greek term for "beauty writing" describes the profession of Shingai Tanaka, who wrote Japanese characters artistically.

answer: calligraphy

9. Meaning "art of softness," this martial art emphasizing throwing and was developed by samurai as a way of defeating opponents without weapons.

answer: jujitsu [jew-JIT-soo]

10. Gofuku is another name for what traditional T-shaped robes?

answer: Kimono

Bonus Category: QUADRUPLE "O" WORDS

Last year we had a round with four E's, so this year here's a round where each correct response contains the letter "O" four times.

1. *My Life in France* by Julia Child and *30 Minute Meals* by Rachel Ray are examples of these texts you would use in the kitchen.

answer: cookbooks

2. This word means involving no risk or harm, or never failing.

answer: foolproof

3. Edna Krabappel on *The Simpsons* and Ichabod Crane in *The Legend of Sleepy Hollow* are fictional people that work in what kind of building space?

answer: schoolroom

4. This word means sounds in one pitch or lacking in variety and tediously unvarying.

answer: monotonous

5. This Haitian religion that worships Bondye is associated with sticking pins in dolls in popular folklore.

answer: voodoo or hoodoo (prompt on "Vaudou", which doesn't have 4 O's)

6. Albert Ammons was known for this style of piano blues music. A 1940's Andrew Sisters song is about a Bugle Boy from Company B that plays this.

answer: Boogie Woogie

7. What is 2,021 times 2?

answer: four thousand forty two

8. The largest living lizard, this venomous Indonesian reptile is part of the Monitor family.

answer: Komodo Dragon (prompt on "Komodo Monitor" or "*Varanus komodoensis*", which do not have 4 O's)

9. These Willy Wonka employees come from a Pacific Island and sing four songs to Charlie Bucket.

answer: Oompa-Loompas

10. This Imitation Pokemon that evolves from Bonsly looks like a tree, but is actually a rock-type that is afraid of water.

answer: Monochromon

2nd period: This period contains twenty tossups worth 10 points each. When you think you know the answer, signal with your buzzer and your team will have five seconds to respond.

TOSSUPS:

1. *The Trifecta*, *Best of Mike and Mike*, *1st and 10*, and *NBA Coast to Coast* are shows broadcast by what network whose lineup also includes *Sportscenter*?

answer: ESPN or Entertainment and Sports Programming Network

2. Also the name of a 1992 Jim Carrey film about a girl taking piano lessons, in what nursery rhyme does the sun dry up all the rain and the title arachnid climb up a water spout?

answer: Itsy Bitsy Spider

3. Fidel Castro's takeover of Cuba and the beginning of China's Great Leap Forward both took place in what decade which also saw the Korean War and the Presidency of Dwight Eisenhower?

answer: 1950s (prompt on "50s")

4. Pencil and paper ready. If a gallon of gas costs \$3.51, what does six gallons cost? (You get 10 seconds.)

answer: \$21.06

5. Who can speak *ex cathedra*, a phrase that refers to this position being the successor of Peter's chair, during which he is considered infallible or incapable of error while discussing religious doctrine?

answer: The Pope (accept Pope Benedict XVI or Joseph Ratzinger)

6. Described by one writer as "ghostly columns like giant dancing worms," small whirlwinds common in dry regions are known as what kinds of devils, from the substance they collect off the ground?

answer: dust devils

7. Johnathan Littell's *The Kindly Ones*, Thomas Keneally's *Schindler's Ark*, and Elie Wiesel's *Night* are books that chronicle what World War II atrocity in which the Germans sent Jews to concentration camps?

answer: The Holocaust (prompt on "World War II" and "concentration camps" before given)

8. What family's public servants have included Patrick, a Rhode Island Congressman, Robert, a Senator from New York, Ted, a Massachusetts Senator who died in 2009, and John, who was President in the 1960's?

answer: Kennedy

9. Newton's Second Law says that force is equal to mass times what quantity, that describes an increase in velocity, such as a car going faster?

answer: acceleration (accept word forms)

10. What Native American jumped off an Oklahoma cliff with his horse into Medicine Creek, prompting the first parachute battalion of the United States Army to shout this Apache Chief's name when leaving a plane?

answer: Geronimo

11. What is known as almoço in Portuguese and déjeuner [DAY-jhon-AY] in French, and commonly occurs around noon?

answer: lunch

12. How many milligrams are in one gram?

answer: 1,000

13. In the 2006 FIFA World Cup, Switzerland never gave up a goal during either pool play or the round of 16, yet was eliminated in that playoff match. What method used to break ties led to Switzerland's loss?

answer: penalty kicks or shootout (accept equivalents)

14. The longest running drama in television history, what CBS soap opera with characters Mindy Lewis and Phillip Spaulding ended in September 2009 and has a name which could be stated as "escorting photons"?

answer: Guiding Light

15. A picture of George Braque [BRACK] inspired the name of what art movement including Pablo Picasso, a movement whose figures include shapes similar to three-dimensional squares?

answer: cubism or cubist

16. What lever attached to the bridge or tailpiece of an electric guitar allows the musician to cause vibrato effects or to alter pitch?

answer: tremolo arm or tremolo bar (or whammy bar or waggle stick)

17. Transported by xylem and composed of water and nutrients, maple syrup is a reduced form of what liquid found in many plants?

answer: sap

18. The mountains of El Libertador, Ojos del Salado, and Aconcagua are found on what continent that includes the Andes Mountains?

answer: South America

19. What city with archeological ruins in nine layers was excavated by Heinrich Schliemann, who claimed to have found Priam's Treasure in a layer that doesn't match the time period of the Trojan Horse?

answer: Troy

20. What title describes Damien, a man who created a leper colony in Hawaii; Edward J. Flanagan, the founder of Boys Town; and Christmas, the name commonly used by the British for Santa Claus?

answer: father (accept: Father Damien, Father Flanagan, Father Christmas)

4th period: This period contains twenty tossups worth 15 points each. When you think you know the answer, signal with your buzzer and your team will have five seconds to respond.

TOSSUPS:

1. Equilibrium is when the sum of these at a point equals zero. These are vector quantities with magnitude and direction caused by phenomena such as gravity or magnetism. Newton's second law of motion states that this is equal to mass times acceleration; the equation is usually written as $F = ma$. For 15 points—name this push or pull on an object that in the *Star Wars* universe is the Jedi power used by Luke Skywalker.

answer: force

2. Employees of this service could not weigh more than 125 pounds and carried a bible, a communication horn, two guns, and a *mochila*. *The Weekly West* reported Johnson William Richardson was the first employee, with the *St. Joseph Gazette* in his cargo. Each employee was responsible for 75 to 100 miles and stopped at stations spaced ten miles apart to obtain fresh transportation. For 15 points—name this service operating from Missouri to California, from 1860 to 1861, that carried mail by horseback.

answer: The Pony Express

3. Molecules of benzene are often depicted using this polygon. This shape with internal angles of 120 degrees is the regular polygon with the most number of sides tiling the plane. This makes them ideal for bees to use in honeycomb and this shape also appears in snowflakes. For 15 points—name this polygon with six sides.

answer: (regular) hexagon

4. After a character named Nancy is killed in this work, the dog Bulls-eye leaves bloody footprints. In this novel, a Mr. Brownlow has his wallet stolen by Jack Dawkins and ends up caring for the main character. When Mr. Bumble moves him to the workhouse, the tasks are hard to do on an empty stomach and he says to the cook, "Please, sir, I want some more." For 15 points—name this Charles Dickens work about a young orphan boy.

answer: Oliver Twist; or, The Parish Boy's Progress

5. In one poll this Square Enix title lost to *Zelda: Ocarina of Time* for best game of all time. One character in this game, Zack Fair, was given the Buster Sword by his mentor, Angeal and was gunned down by the Shinra. The final boss is the hardest boss to beat in both *Kingdom Hearts* games, and after the fight between Cloud and Sephiroth, the Lifestream rises from the planet to aid Holy in destroying the Meteor. For 15 points—name this most successful *Final Fantasy* game.

answer: Final Fantasy VII [7] (accept FF7)

6. In linguistics, this is a sound in spoken language pronounced with an open vocal tract so that there is no build-up of air pressure above the glottis. You won't find one of these in a "crwth" [CROOTH], a Welsh violin, and Scrabble players also allow "cwm" [COOM], a word without these that means a circle. The Hawaiian word "hooiaioia" [who-eye-ah-eye-oh-eye-ah], has eight consecutive ones while the English word "queueing" has five in a row. For 15 points—name these letters that are not consonants.

answer: vowel

7. Haymitch Abernathy is a previous champion of these, and some of the named participants include Rue, Cato, and Thresh. The title event occurs due to a previous rebellion against the capital of Panem and each of twelve districts send one boy and one girl. In September 2009 the second book of this trilogy, *Catching Fire*, was written by Suzanne Collins. For 15 points—name this series in which young children are forced into a competition for survival, named for the fact that players come from starving districts.

answer: Hunger Games

8. The Flynn Effect says that these have been gaining an average of 3 points every decade, and one suggestion is that better nutrition is leading to larger cranial vaults in babies. Alfred Binet developed one version while worked with retarded children, and the ratings are standardized for a median of 100. The Wechsler Adult Scale for this measures letter-number sequences, picture completion, vocabulary, and other abilities. For 15 points—name this measurement of a person's intelligence, abbreviated with two letters.

answer: IQ or intelligence quotient

9. You would go to this structure possibly built by Diotaluvi to find the Assunta and Pasquarcia [pas-kwah-REE-chee-ah] bells. It was started in 1173 near a cathedral and its height ranges from 183 to 186 feet depending on where you measure. This structure formed a 5.5 degree angle with the ground until restoration efforts reduced it to four. For 15 points—name this structure that tilts to the side, a tower located in Italy.

answer: Leaning Tower of Pisa

10. Versions of this toy have included the "Campus Hero" one of 1963, Pizza Delivery in 1988, and the 1993 "Earring Magic" version with a purple shirt. Allan Sherwood is his best friend and Tommy the baby brother of this character whose last name is Carson. In February 2004 he was given some "quality time apart" from his girlfriend. For 15 points—name this Mattel toy, a companion of Barbie.

answer: Ken (accept: Ken Carson before given)

11. The Abadan Crisis happened in this country in 1951 when Prime Minister Mohammed Mosaddeq nationalized the British-owned oil industry. After World War II, Mohammad Reza Shah Pahlavi ruled this country until 1979 when an Islamic Revolution forced him to abdicate. Mir-Hossein Mousavi [moo-SAH-vee] lost the June 2009 election to Mahmoud Ahmadinejad [ah-mah-DIN-ah-jahd], which was disputed and caused mass protests. For 15 points—name this country with capital Tehran, that is located east of Iraq.

answer: Iran

12. Pencil and paper ready. In medieval times, Spanish dollars were known as "pieces of eight" because eight reales equaled one dollar. Charlie the Pirate buys six hats at twenty reales each. For 15 points—how many dollars would this have equaled in Spanish currency? You get 10 seconds.

answer: 15 dollars [6 x 20 = 120, 120 / 8 = 15]

13. In 1624 the English Parliament passed a law against these years after Queen Elizabeth gave one to the East India Company, and the 1914 U.S. Clayton Antitrust Act tried to prevent this kind of situation. AT&T was broken up due to fears it was one of these and Microsoft is sometimes considered one due to its high market share and tendency to crush competition. For 15 points—name this economic situation in which there is only one seller of a service, also a Parker Brothers game in which you can buy Park Place and Boardwalk.

answer: monopoly

14. It is estimated that half of Cairo, Egypt uses one of these called the 6th of October every day. The one named for the Thousand Islands includes Wellesley and Hill Island in its sections. Japan's Akashi-Kaikyo one is the longest in the world, a title once held by the Verrazano Narrows one between Brooklyn and Staten Island. For 15 points—name these structures that allows people to cross waterways.

answer: bridge

15. In the body, this substance is stored in groups of six bonded by zinc ions, and through genetics scientists have bred safflowers to produce this molecule with metabolic functions. When this substance is low the body uses fat as an energy source. Produced in the islets of Langerhans of the pancreas, its levels in the blood closely match those of glucose or sugar. For 15 points—name this hormone injected into diabetics.

answer: insulin

16. When the Amalekites attacked the Israelites at Rephidim, this man directed the battle by standing on a rock holding the Hur of Midian. He produced water by striking the rock at Horeb with his staff. His parting address forms the Book of Deuteronomy, as he was not allowed to cross the Jordan River to complete his people's journey. For 15 points—name this person who received the Ten Commandments while leading his people from Egypt.

answer: Moses

17. At one point in this film, a hand dryer is used to melt shrink wrap around a box containing rocks, which is sold to a pawn shop. Based on a Lois Duncan book, the title structure contains clouds oscillating around a moon, car doors simulating a country ride, and a golden fire hydrant placed under a shower. Andi and Bruce are adopted at the end of the film and many of the actors were rescued from shelters, trained, and adopted by the film crew. For 15 points—name this Emma Roberts film about a lodge for canines.

answer: Hotel for Dogs

18. Haydn's composition with this name contains the words "See the lilies, see the roses, see the mingled flowers." This also names Concerto Number 1 in E major of a Vivaldi work known as "La primavera." Stravinsky did a "Rite" of this time period, which appeared in Fantasia showing "a pageant as the story of the growth of life on Earth." For 15 points—name this part of the year, the first of Vivaldi's four compositions called "Seasons."

answer: Spring (accept: Spring Symphony, Spring Concerto, et cetera)

19. One of these occurred in Byzantium in 541 but it was largely confined to its Himalayan origin for centuries. When the Tartars attacked the Black Sea port of Caffa in 1346, this ravaged their army, but they catapulted dead bodies into the city, starting events that eventually killed half the population of England. For 15 points—name this sickness whose name is synonymous with widespread outbreak of disease.

answer: Black or Bubonic Plague or Yersinia pestis

20. Some of the parts of this 2009 event were Girona to Barcelona, Andorra to Saint-Girons and Bourg-Saint-Maurice to Le Grand-Bornand. A white shirt is worn by the best participant under 25 while one with red dots is given to the "King of the Mountains," and green for best sprints. The winner Alberto Contador wore the yellow jersey in the Champs-Élysées stage where the race finishes in Paris. For 15 points—Lance Armstrong was the seven-time winner of what bike race around a European country?

answer: Tour de France [which apparently tours more than just France]