

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: ANCIENT TIMES

1. Sparta, Corinth, and Thebes were cities important in what civilization whose philosophers included Plato?

answer: Greek Civilization or Greece

2. Lutetia was an ancient city built on the banks of the Seine, today the location of what world capital?

answer: Paris

3. It is thought people traveled from Asia to Alaska across this strait around twelve thousand years ago.

answer: Bering Strait

4. Rocks may have been circled at this English site on Salisbury Plain as early as 3000 BC.

answer: Stonehenge

5. The Jōmon and Yayoi are ancient periods from this country composed of over three thousand islands.

answer: Japan

6. What Macedonian general invaded India in 326 BC and defeated the Malli clans?

answer: Alexander the Great or Alexander III of Macedon

7. The Ritual of oak and mistletoe was performed by what ancient priests of France also associated with Celtic culture?

answer: Druids

8. What is the only one of the Seven Wonder of the Ancient World that still exists?

answer: Great Pyramid of Giza (prompt on "pyramid")

9. Around the first century, the Moche civilization was centered in what country that later saw the Incas?

answer: Peru

10. Known as the "land between the rivers", Sumeria, Akkad, and Ur were cities in what Middle Eastern region?

answer: Mesopotamia

Bonus Category: THE WORLD WIDE WEB

Name these websites. Use of extensions such as dot com will not be necessary.

1. Mark Zuckerberg founded this social networking site originally limited to Harvard students.

answer: Facebook

2. Among the most viewed videos on this site are "Charlie bit my finger" and Miley Cyrus' "7 Things".

answer: YouTube

3. A Vancouver group created this photo-sharing website named for an unsteady light like some flashes.

answer: Flickr ["flicker"]

4. Larry Sanger founded what largest reference work on the Internet that anyone can edit?

answer: Wikipedia

5. What San Francisco company allows to users to send shorts messages of up to 140 characters?

answer: Twitter

6. Formerly called Live Search, what Microsoft search engine was unveiled in May 2009?

answer: Bing

7. A San Francisco man named Newmark created what site of online classified ads and listings?

answer: Craigslist

8. This company that creates Flash, Acrobat, and Dreamweaver software is named for buildings made of sand and clay.

answer: Adobe

9. What company that creates the Firefox web browser has a mascot that looks like a large lizard?

answer: Mozilla

10. What ESPN website offers streaming sports coverage and is named for the number of degrees in a circle?

answer: ESPN 360

Bonus Category: NUMERICAL CONVERSIONS

1. How many kilometers are equal to 7,000 meters?

answer: 7 kilometers

2. How many minutes are equal to 720 seconds?

answer: 12 minutes

3. How many dimes are equal to twelve quarters?

answer: 30 dimes

4. How many square feet are equal to 2 square yards?

answer: 18 square feet

5. How many grams are equal to 1.7 kilograms?

answer: 1700 grams

6. How many bytes are equal to 1 gigabyte?

answer: 1 billion or 10^9 bytes (accept 1,073,741,824 bytes)

7. How many miles are equal to 10,560 feet?

answer: 2 miles

8. How many decades are equal to 4 millenniums?

answer: 400 decades

9. How many short tons are in 36,000 pounds?

answer: 18 short tons

10. How many pints are in 3 gallons?

answer: 24 pints

Bonus Category: COLORFUL GEOGRAPHY

1. What sea is surrounded by Egypt, Sudan, and Saudi Arabia?

answer: Red Sea

2. What second longest Chinese river flows past Jinan and is known for its silt deposits?

answer: Yellow River or Huang He

3. What Alps mountain is the highest point in France?

answer: Mount Blanc (or White Mountain or Monte Bianco)

4. Kentucky's nickname refers to what color of grass common in the area?

answer: Bluegrass

5. Both Maine and South Africa have rivers called this, the latter forms part of the Namibian border.

answer: Orange River

6. Location of the Siege of Fort Texas in the Mexican War, this "ville" is the southernmost city of Texas.

answer: Brownsville

7. The name "Vermont" refers to what mountain range that includes Killington Peak?

answer: Green Mountains

8. Now called Ghana, this region between the Slave and Ivory Coasts was colonized by fifteenth century Portuguese miners.

answer: Gold Coast

9. North Carolina's Mount Mitchell, the highest point east of the Mississippi, is part of what mountains?

answer: Black Mountains

10. The mountain ridge east of Jerusalem grows small fruits and is where Jesus ascends to Heaven in Acts.

answer: Mount of Olives

Bonus Category: DOUBLE TALK

All answers in this category are a word or syllable repeated. For example, the word “papa” or the American Samoa capital “Pago Pago”.

1. What Japanese word for "seven" is also a term used for grandmothers or the Old Lady in *Madagascar: Escape 2 Africa*?

answer: Nana

2. Ballet dancers wear what kind of skirts that are often wrap around?

answer: tutu

3. This flightless bird on Mauritius [muh-RIH-shish] was said to be "stupid" and became extinct in the 17th century.

answer: Dodo

4. This boy on *The Flintstones* was the son of Betty and Barney Rubble. He is strong and likes to hit things with his club.

answer: Bamm-Bamm Rubble

5. This term describes a basketball players getting at least ten of points, rebounds, assists, steals, or blocked shots.

answer: double double

6. What was the last name of Ali, who tangled with forty thieves in the Arabic tale *1001 Nights*?

answer: Ali Baba

7. Donald Duncan sold what toy whose tricks include sleeping, Walk the Dog, and ripcord?

answer: Yo-Yo

8. What terrier is Dorothy's dog in *The Wizard of Oz*?

answer: Toto

9. What disease is caused by a lack of vitamin B1 or thiamine in the diet?

answer: beriberi

10. This Oregon and Washington river empties into the Columbia south of the town of Wallula.

answer: Walla Walla

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. What group of people were not allowed to vote in Liechtenstein until 1984, in Kuwait until 2005, but were granted the vote in 1920 in the U.S. by the nineteenth amendment?

answer: women

2. Though John Fitch tested one on the Delaware River in 1787, Robert Fulton's *Clermont* is generally considered the first successful example of what kind of ship powered by water vapor?

answer: steamboat

3. What author donated to the Children's High Level Group all the profits from her 2007 work *The Tales of Beedle the Bard*?

answer: J. K. Rowling or Joanne "Jo" Murray

4. The Gruesomes were strange neighbors and the Betty and Barney Rubble were friends of what cartoon family consisting of Pebbles, Wilma, and Fred in the Stone Age?

answer: The Flintstones

5. New South Wales, Queensland, Victoria, and Tasmania are states of what country whose cities include Sydney and Melbourne?

answer: Australia

6. A woman named Powell depicted by actress Amy Adams works through *Mastering the Art of French Cooking* in what 2009 film about two women with similar names?

answer: Julie & Julia

7. With axes of symmetry along its diagonals, what name is given to a polygon with two pairs of adjacent congruent sides, making it look like a toy that is flown in the sky?

answer: kite

8. What word does basketball coach Pat Riley claim to have coined after the Bulls won the NBA championship in 1991, 1992, and 1993, a feat that is being than winning a repeat?

answer: threepeat

9. What U.S. state is named for a man who from 1643 to 1715 was King of France?

answer: Louisiana [after Louis XIV]

10. Hawking radiation comes from what astronomical bodies whose gravity is so strong that not even light can escape?

answer: black holes

11. The Chinese Jian, and Norse Arimaspi, who stole gold from griffins, had what feature in common, most associated with the forehead of Polyphemus in Greek myth and other cyclops?

answer: one eye

12. The Sopranissimo, tubax, and C melody are forms of what instrument associated with jazz's John Coltrane, a cone-shaped instrument made of brass with a bell at the end?

answer: saxophone

13. Earl Warren, Ronald Reagan, Jerry Brown, and Gray Davis have all held what position currently held by Arnold Schwarzenegger, a leader of a large western state?

answer: Governor of California

14. What term describes an association of practicing lawyers, a railing in a courtroom separating the general public from the lawyers, or a block of soap?

answer: bar

15. Also called magyar, the words coach, paprika, and goulash are from what language spoken in the country with capital Budapest?

answer: Hungarian

16. Founded by Anita Roddick, Wise Woman Vitality Serum and Satsuma Shower Gel are products by what cosmetics store that calls itself "Nature's Way to Beautiful"?

answer: The Body Shop

17. What is measured in units called shakes, jiffys, fortnights, centuries, and hours?

answer: time

18. Pencil and paper ready. If the width and height of a right triangle are 21 and 28 inches, what does the Pythagorean theorem say will be the length, in inches, of the hypotenuse? (You get 10 seconds.)

answer: 35 inches

19. Often reported in the news, what does the Dow Jones Industrial Average measure?

answer: stock prices (accept similar answers like "value of investments")

20. What term is used in photography for film in which light areas appear dark and vice versa, or in mathematics for values not part of the natural numbers, and thus less than zero?

answer: negative

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. In 1874 Nathaniel Holmes Bishop created the *Maria Theresa* boat out of this substance and sailed it from New York to Florida. Carton-pierre is this substance decorated to resemble wood or metal. Its French name means "chewed-up cardboard" and you might see this in Mexican piñatas. For 15 points—name this form of art, strips of parchment glued together with a paste made of flour and water.

answer: paper-mâché or papier-mâché (prompt on "paper")

2. Six thousand Nevada voters selected this option in the 2008 Presidential election. In 2002, David Gatchell legally changed his name to this to run for Tennessee governor. In the 1985 film *Brewster's Millions* this won the New York mayoral election, necessitating a second vote with new candidates. For 15 points—name this way that some voters express dissatisfaction for all candidates, also found on multiple choice tests where all of the given choices are not correct.

answer: none of the above or none of these candidates or anything equivalent

3. In *The Brave Little Tailor*, Mickey Mouse swats seven flies, but neighbors misunderstand and send Mickey to kill one of these near the village. This character owns a magical harp in the musical *Into the Woods* and is only heard offstage. In another story, one of these says "Be he alive, or be he dead / I'll have his bones to grind my bread." For 15 points—name this character who owns a hen that lays golden eggs, whose home is reached with magic beans, and who says "Fee fi fo fum" when Jack appears.

answer: the Giant

4. Beethoven's *The Ruin of Athens* is associated with a Turkish one of these pieces. The Czech composer Julius Fučík [FOO-chik] wrote one of these called *Entrance of the Gladiators*. *Semper Fidelis*, *Stars and Stripes Forever*, and *Glory of the Yankee Navy* are compositions by John Philip Sousa, who was known as the "King" of these. For 15 points—name this type of musical piece popular with military bands whose beat is designed to allow soldiers to walk together.

answer: march music

5. The Ancient Greek muses of Calliope, Euterpe, and Erato were associated with different kinds of this. Some people primarily known for creating this are John Greenleaf Whitier, Wilfred Owen, and Robert Frost. Maya Angelou read one example of this called "On the Pulse of Morning" at Bill Clinton's inauguration. For 15 points—Coleridge's "The Rime of the Ancient Mariner" is an example of what type of literature that often rhymes?

answer: poetry (prompt on "writing", "literature" or similar, do not accept "books", "novels" or similar)

6. One of these can release as much energy as a 20-kiloton nuclear warhead, and the Lakota tribe believed a bird called Wakiya was responsible for these events. This phenomenon with a low can be classified as single or multi-cell, or as a squall line. They go through stages called towering cumulus, mature, and dissipating. For 15 points—name this weather phenomenon that often includes rain and lightning.

answer: thunderstorm (do not accept "lightning")

7. Battles fought in this war include Tsingtao, Tanga, and the Nivelle Offensive. The Schlieffen Plan called on one country in this war to fight on two fronts, with the Kaiser remarking he would have "Paris for lunch, dinner at St. Petersburg." This war saw the end of the Austrian-Hungarian and Ottoman empires, and the Treaty of Versailles called on heavy payments by the loser Germany. For 15 points—name this conflict that ended in 1919, but was succeeded by a similar global conflict in the 1940s.

answer: First World War or World War I (prompt on "The Great War")

8. At one point in this film, a boy puts a tack on the teacher's chair but was barely seen on video. Meta-Man got caught on an elevator, Dyna Guy snagged during takeoff, and Splashdown died in a vortex, all because of their capes according to costume designer Edna. The Omnidroid is designed by Syndrome and will destroy the world unless Violet, Dash, and Elastagirl can stop it. For 15 points—name this Pixar film about a family of superheroes.

answer: The Incredibles

9. The Supreme Court case *Ricci v. DeStefano* dealt with men in this profession that passed a test but were denied promotions. The films *Fahrenheit 451*, *Backdraft*, and *I Now Pronounce You Chuck and Larry* feature characters who do this, and they also appear in the documentaries *Answering the Call* and *9/11*. For 15 points—name this profession that uses standpipes, hook ladders, and water hydrants.

answer: firefighters (accept word forms and equivalent answers)

10. Pencil and paper ready. A tournament has four teams and the director wants to know how many matches to schedule if each of the four teams has to play all other teams. This total number of matches, known as "four choose two" in combinatorics, can also be found by counting up the total number of wins that would be earned by the teams if there were a perfect record, a team with one loss, a team with one win, and a team with no wins. For 15 points—how many matches must take place? You get 10 seconds.

answer: 6

11. In Vincent Van Gogh's *Starry Night*, this object is the bright orb low and east of the village. The Sumerians gave her a name meaning "Lady of the Defenses of Heaven" and the Chaldeans called this object Ishtar, the Love Goddess. This object circles the Sun eight times for every five Earth orbits, and its atmosphere rich in carbon dioxide causes high surface temperatures. For 15 points—name this planet between Mercury and Earth.

answer: Venus

12. According to Euler's [OY-lers] formula, the number of edges in a polyhedron plus the vertices minus the faces will equal this number. This digit can appear in trinary numbers but not binary ones. It is said that a disciple of Pythagoras was killed for discovering that the square root of this number is irrational. For 15 points—give this number, the smallest prime number and divisor of all even integers.

answer: 2

13. Between 1947 until 1994, many of the world's countries did this using the rules of GATT [G-A-T-T]. Dumping is doing this while selling at a price lower than the cost of production. The status of "most favored nation" is used between two countries that do this without special restrictions, and a country may make it harder for others to do this through the use of tariffs or quotas. For 15 points—bartering was an old form of what practice in which countries exchange goods and services?

answer: (international) trade

14. In Norse mythology Ivaldi's sons are these creatures, and they made the ship Skidbladnir [SKID-blad-NEAR] for Freyr [Frey-ear], and the spear Gungnir [GUNG-year] for Odin. They were originally human-size and Dvalin is one that led these people from the mountains. In *Lord of the Rings* the Fellowship travels through Moria, a underground city built by these people. For 15 points—name this race short like trolls that includes Gimli.

answer: dwarves

15. Experimenters of *Ropalidia* discovered that when this individual is removed from a community, the successor can come from any of the sitter, forager, and fighter castes. In the case of Naked Mole rats, this individual keeps others busy to avoid challenges to her status. In Pistol shrimp colonies these are guarded by soldiers, and they are at the top of termite and ant colonies as well. For 15 points—give this term for the reproductive female bees that produce royal jelly to feed young.

answer: queen

16. In June 2009 this alumnus of Kalamazoo Central moved into the all-time top 70 players of baseball hits, but his only grand slam came in a June 2005 game against the Cubs. In 2000, he became the only player to win both the All-Star Game and World Series MVP Awards in the same year. This founder of the Turn 2 Foundation, a reference to his uniform, was the cover athlete on *MLB 2K7*. For 15 points—name this Yankees shortstop.

answer: Derek Jeter

17. Named Alaskan ones include Tazlina and Exit, while the Mendenhall one of these is outside Juneau. Utah has one of these called Timpanogos in its Wasatch Range. Montana has a national park named for these natural features, but over 150 of them have retreated or disappeared due to global warming. For 15 points—name these large masses of ice.

answer: glaciers

18. This word can be mean intense nervous excitement, and in this kind of "pitch" people lose control, which is what an Indiana WNBA team hopes to induce in fans. Physicians know this as pyrexia, and a saying notes you should feed a cold and starve one of these. Intense boredom caused by a long stay inside is the "cabin" type. For 15 points—name this condition in which the body's temperature is high.

answer: fever

19. This character first appeared in *Incredible Hulk* #180 and was born James Howlett. In the Messiah Complex storyline he destroys Predator X by being consumed and slashing out of the villain's stomach. He worked for a Canadian mining company, and at a school causes tension among his team when he is attracted to Scott Summer's girlfriend, Jean Grey. For 15 points—name this Hugh Jackman film character, a mutant with incredible healing ability and an adamantium skeleton, whose claws extend from his hands.

answer: Wolverine (accept: Logan)

20. It is said this man was Lisbon-bound in 1474 when Burgundian pirates forced him to swim miles to the Genoese colony at Lagos. He was denied financing from the Portuguese king Joao II [JOW], but after Luis de Santangel offered funding, Isabella used her jewels as collateral. For 15 points—name this man that sailed from the Canary Islands in 1492 and landed in the New World.

answer: Christopher Columbus