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EDITORS: JOE BROSCHE

GRADES 7 AND 8

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: CROSSWORD CLUES "P"

Each correct response in this category must begin with the letter "P" and must include the number of letters given in the clue, but we will accept plural forms of the answer.

1. This is the most populous U.S. state capital - 7 letters.

answer: Phoenix

2. This food comes in Neapolitan, Sicilian, Chicago deep dish, and thin crust varieties - 5 letters.

answer: pizza

3. The Blackfoot, Crow, Wichita, and Lakota tribes lived on this kind of land - 5 letters.

answer: plain (accept: Great Plains)

4. This disciple denied that he knew Jesus three times - 5 letters.

answer: Peter

5. This is the last name of Nancy, the current Speaker of the House - 6 letters

answer: Pelosi

6. It's where you would find *sostenuto*, soft, and damper pedals - 5 letters.

answer: piano

7. Also called Farsi, this is the language spoken in Iran and also describes longhaired cats - 7 letters.

answer: Persian

8. This Pokemon is a tadpole found by fishing in Kanto and Johto. It has a swirl on its stomach. - 7 letters.

answer: Poliwag

9. This is the last name of Jordan and Carson, brothers who work with Chad Ocho Cinco – 6 letters.

answer: Palmer [on the Cincinnati Bengals]

10. Know Nothing, Prohibition, Whig, and Socialist have been political types of this in U.S. history - 5 letters.

answer: party (accept parties)

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Bonus Category: **GEORGE WASHINGTON IN DEPTH**

1. How many years did George Washington serve as U.S. President?

answer: 8 [he served two four year terms]

2. Washington's plantation Mount Vernon is located in what state?

answer: Virginia

3. Washington famously crossed what river between Pennsylvania and New Jersey?

answer: Delaware River

4. Washington lived during which century?

answer: 18th (accept: 1700's)

5. Alexander Hamilton served as which Secretary in Washington's cabinet?

answer: Secretary of the Treasury

6. Name any one of the states admitted into the U.S. during Washington's presidency.

answer: North Carolina, Rhode Island, Vermont, Kentucky, Tennessee

7. In Washington's term, the first U.S. Congress did not meet in D.C. but in what city?

answer: New York City

8. Washington's troops spent a winter in what cold Pennsylvania location?

answer: Valley Forge

9. Washington presided over the 1787 convention that produced what document?

answer: The U.S. Constitution

10. To fight the French, in 1754 Washington built Fort Necessity near what present-day city?

answer: Pittsburgh

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Bonus Category: THE WEATHER

1. This is a person who studies the weather, perhaps giving a news forecast.

answer: meteorologist

2. This is found in a pillow drift and New York often gets the Lake Effect type.

answer: snow

3. This kind of instrument that measures atmospheric pressure might give a reading of 29.9 inches.

answer: barometer

4. St. Elmo's Fire is often confused with the ball type of this atmospheric phenomenon that includes negatively charged "stepped leaders".

answer: lightning

5. You can convert from Fahrenheit to this temperature scale by subtracting 32 and then multiplying by five ninths.

answer: Celsius or Centigrade

6. What term describes an extended period where a region has below average amounts of rain or precipitation?

answer: drought

7. An anemometer measures the speed of what phenomenon whose Chinook variety comes down mountains?

answer: wind

8. The world's weather will be affected by this, the gradual increase of temperatures caused by greenhouse gases.

answer: global warming

9. Also a film starring Bill Murray, Punxsutawney [PUNKS-ah-tawn-knee] Phil is associated with this Pennsylvania event that predicts weather.

answer: Groundhog Day

10. Contrails are airplane-caused kinds of what objects that also come in Cirrus and Nimbostratus forms?

answers: cloud(s)

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Bonus Category: STATE NAMES

1. Known as the Quaker State and Keystone State, this state's name means "Woods" of its founder.

answer: Pennsylvania

2. Founded by James Oglethorpe as a debtors colony, what state is named for Britain's king from 1721 to 1760?

answer: Georgia [after George II]

3. This state is named for a governor of Jamestown who traveled north to explore it.

answer: Delaware [after Thomas West, Baron de la Warr]

4. This Grand Canyon State has a name similar to Spanish for "dry land".

answer: Arizona [think "arid zone"]

5. Ponce de Leon gave this southern state its name for the flowers he saw there.

answer: Florida

6. Named for an island in the English Channel, this Garden State's current governor is Jon Corzine [core-ZIGN].

answer: New Jersey

7. This state's name is a Native American term for "Great Lake" and four of the Great Lakes border it.

answer: Michigan

8. Ethan Allen's "Boys" were from this New England state has a French name meaning "Green Mountain".

answer: Vermont

9. Name either of the two Atlantic coastal states named for King Charles I of England that share a border.

answer: North Carolina or South Carolina

10. This home of Roswell and Los Alamos is named for the country it used to be a part of.

answer: New Mexico

Moderator: accept any underlined name for all questions

1. In an Edgar Allan Poe story, this feline is hung from a tree, but a similar one helps the police solve a murder.

answer: The Black Cat or Pluto

2. This Mark Twain character goes down the Mississippi River with Jim, the King, and the Duke.

answer: Huckleberry Finn

3. In a fairy tale, this tiny princess emerges from a flower and is carried off by a toad.

answer: Thumbelina

4. His father is Luke the Warrior, and he becomes the patron saint of Redwall Abbey.

answer: Martin the Warrior

5. Name either Lemony Snicket's brother or sister in *A Series of Unfortunate Events*.

answer: Jacques Snicket or Kit Snicket

6. This Beverly Cleary character appears in *The Mouse and the Motorcycle* and talks to Ryan.

answer: Ralph S. Mouse

7. This pig, the main tyrant of *Animal Farm*, is based on Stalin. He shares his name with a French ruler.

answer: Napoleon

8. In *Shrek*, Chris Miller voiced this character that answers the question "Who is the fairest of them all?".

answer: The Magic Mirror (accept: Mirror Mirror on the Wall)

9. This first son of Silas Heap is a Necromancer Apprentice that attempts to kidnap Jenna.

answer: Simon Heap

10. This pirate quartermaster in *Treasure Island* lent his name to a fish and chips restaurant chain.

answer: Long John Silver (accept: Long John Silver's)

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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. Fibromyalgia [FYE-bro-MY-al-jah] affects bones, "osteo" results in cartilage loss, and rheumatoid includes joint inflammation in what class of painful conditions often experienced by seniors?

answer: arthritis

2. Brian Aldiss' short story "Super-Toys Last All Summer Long" became what 2001 film starring Haley Joel Osment, also a branch of computer science interested in computer smartness?

answer: A.I. Artificial Intelligence (accept either underlined answer)

3. Each angle inside a regular one of these is 120 degrees. For a given perimeter, it maximizes internal area so bees are smart to build their honeycombs in this shape. Name this shape with six sides.

answer: hexagon

4. Who wrote about All-American quarterback Neely Crenshaw in his 2003 novel *Bleachers*, and also wrote *The King of Torts*, *The Last Juror*, *The Firm*, *The Client*, and *The Rainmaker*?

answer: John Grisham

5. Built for Amytis, what kind of place did Nebuchadnezzar create that became a wonder of the ancient world, also the kind of place where Adam and Eve first lived?

answer: garden (accept: Hanging Gardens of Babylon, Garden of Eden)

6. In the Saffir-Simpson Scale, what number would be used for winds above 155 miles per hour, the most devastating rating of hurricanes?

answer: Category 5

7. Mandated by Article I [one], Section 2 of the Constitution, Congress limited the scope of the 1900 version because 1880's results took longer than ten years to tally. What is this counting of the American people?

answer: census

8. Pencil and paper ready. What is 7514 minus 2173? You get 10 seconds.

answer: 5341

9. The curve representing this economic concept will shift when the cost to produce a good changes. What is this quantity of goods in the market that producers make available, often studied with demand?

answer: supply (do not accept answers with "demand")

10. What country was known in ancient times as Joseon, was ruled by a Goryeo dynasty and later by Japan, and is now ruled by Lee Myung-bak in the South and Kim Jong Il in the North?

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answer: Korea (accept South Korea or North Korea)

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11. What German word means "whirlpool" or "eddy" and refers to a layered pastry with a filling inside, sold by Pillsbury for the toaster?

answer: strudel

12. Harold Gray drew comic strips about what 11 year-old character who lived a "hard knock life", became important in the life of billionaire Oliver Warbucks, and was known for her red hair?

answer: Little Orphan Annie

13. Europe's Large Hadron Collider will accelerate ions of what metal found in galena ore, which is used in radiation shields, car batteries, and firearm projectiles, but no longer in pencils?

answer: lead

14. The word "group" is a collective one. In the German language, all of these start with capital letters. Common ones include book, flower, and light. Angelica, Pottsville, and Albania are proper ones. What is this part of speech that refers to a person, place, or thing?

answer: noun

15. What NFL team won the Superbowl in 1975, 1976, 1979, 1980, and 2006, with the help of quarterbacks Terry Bradshaw and Big Ben Roethlisberger [ROTH-liss-"burger"]?

answer: Pittsburgh Steelers (accept either underlined name)

16. There are about 7.48 of these in a cubic foot, 42 of these in a barrel of crude oil, and 26.4 of these in a hectoliter. What is this unit of volume equal to 128 fluid ounces or 4 quarts, used to sell gasoline and milk?

answer: one gallon

17. Sanford School alumnus Daniel Honig appeared in the Fall 2008 season of this show. Flo Pseneti & Zach Behr, Freddy Holiday & Kendra Bentley, and Rob Frisbee & Brennan Swain have been some of the teams that have won what CBS reality show about traveling around the world?

answer: The Amazing Race

18. What name is given to September 24, 1869 in which Jay Gould attempted to corner the gold market causing a financial crisis, and is now used to refer to days such as November 28, 2008 that see holiday sales?

answer: Black Friday

19. In Daniel Keyes' *Flowers for Algernon*, Charlie's progress in doing mazes is compared to what kind of creature who was given surgery in the laboratory to increase his intelligence?

answer: mouse (accept: rat)

20. The Italian phrase "a cappella" means to sing without accompaniment. Literally the phrase means to sing in a style appropriate to what location, a place where Gregorian chants and hymns might be sung?

answer: in the church style (accept equivalents)

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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 computer memory, a terabyte is this many bytes. The total federal debt is now over ten of this number. This number is used in basketball to refer to a person who played one minute and had no other recorded statistic. It shows up in the stat line as one followed by twelve zeros. For 15 points--give this number, larger than one billion, equal to ten to the ninth power.

answer: one trillion

2. Its members must be at least twenty-five years old, and due to the Twelfth Amendment, this was the body that decided the 1800 and 1824 Presidential elections. Delaware sends Mike Castle to this body whose proceedings are shown on CSPAN 1. This body is led by a Speaker and currently has 435 members. For 15 points--name this lower chamber of the Congress that occasionally has a joint session with the Senate.

answer: The House of Representatives (prompt on "Congress" before given)

3. It is believed this story refers to Queen Caroline, wife of George II, who had eight offspring. The story goes "She gave them some broth without any bread / Then whipped them all soundly and put them to bed". Or the story may be about a homeless woman whose children stole the footwear of Londoners. For 15 points--name this nursery rhyme.

answer: There was an Old Woman Who Lived in a Shoe (accept anything close)

4. Bo Shan, a land of immortals, is one of these in Chinese myth, and in Incan mythology Apu is the god of these objects which were sacred homes of the ancestors. Parnassus was one near the Oracle at Delphi, and in Greek mythology the gods were said to live atop one called Olympus. Moses climbed one to receive the Ten Commandments. For 15 points--what are these formations of rock often topped with snow?

answer: mountain or mount (do not accept "hill")

5. This is the least honored position in the Hall of Fame, and in 1983 Mike Squires became the first left handed one of these in fifty years. Players at this position include Ryan Zimmerman, David Wright, Pedro Feliz, and Alex Rodriguez. In numbering, it is position five, and is known as the hot corner. For 15 points--name this infield spot next to short stop.

answer: third base

6. Ameloblasts [ah-MEAL-oh-blasts] are the cells that secrete the substance that becomes these, an object which turtles lack. These are made up of cementum, pulp, enamel, and dentin. Types of these include bicupid, molar, and incisor. For 15 points--what are these mouth structures, of which adults have thirty-two to help them chew?

answer: teeth

7. In Spanish this term was the cowboys' procedure for collecting cattle such as moving them to a new pasture. It is now the official sport of Wyoming. For 15 points--what is this term that now means a competition that includes barrel racing, steer wrestling, and goat tying?

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answer: rodeo

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8. The Baddun Brothers are two characters in this book that help with a crime. In this book's beginning Perdita was abandoned and is brought into the Dearly home to help Missis with Cadpig, Patch, and Lucky. Dodie Smith wrote a sequel to this book called *The Starlight Barking*. For 15 points--name this work in which Cruella de Vil attempts to use dogs to make a black and white fur coat.

answer: The Hundred and One Dalmatians or the Great Dog Robbery

9. David Hilbert delivered an address to people in this field in 1900 in which he issued twenty-three challenges. The Fields Medal is given to someone who works in this area, usually after they solve a famous problem such as Fermat's Last Theorem. Branches of this subject include topology, combinatorics, algebra, and calculus. For 15 points--what is this subject in which you learn to add and multiply?

answer: mathematics (accept: mathematician)

10. Characters in this work include a golden monkey named Ozymandias and a bear called Iorek Byrnison. One character heads the General Oblation Board, the so-called Gobblers. It precedes *The Subtle Knife* and *The Amber Spyglass* in Philip Pullman's *His Dark Materials* trilogy. Lyra Belacqua foils a plot to murder Lord Asriel, who experiments with Dust. For 15 points--name this book in which Lyra learns to read a shiny instrument that points to navigation symbols.

answer: The Golden Compass (accept: Northern Lights, which was the original UK title)

11. Versions of this game include Fun on the Run, Card Revenge, Dice n'Grab, and Sliders. Elevens allow you to switch places and sevens can be split between two pieces. The last five spaces before Home are safety zones. For 15 points--name this board game in which you might apologize to another player for sending them back to start.

answer: Sorry!

12. Pencil and paper ready. There is a number between 4,750 and 4,759 that is a multiple of 9. To find this number, you could check different values in this range manually. Or you could realize that the digits of multiples of nine must sum to a multiple of nine. For 15 points--what is the multiple of nine between 4750 and 4759? You get 10 seconds.

answer: 4752 ($4 + 7 + 5 + 2 = 18$)

13. This character saw his Internet King company smashed by Bill Gates, and in a recent episode bet against his daughter is a crossword competition. In the Original "Treehouse of Horror", this character tells the Raven to go away, and is scared by the stories. Along with Principal Skinner, Barney, and Apu, he formed the Barbershop Quartet the Be-sharps. For 15 points--name this worker at the Nuclear Power Plant, the father of Maggie, Lisa, and Bart Simpson.

answer: Homer J(ay) Simpson

14. The highest point on this Great Circle is on the south slopes of Volcán Cayambe. Its length is about 40,075 kilometers and locations here experience twelve hours of sunlight and twelve hours of darkness daily. The Maldives and Kiribati [kee-ree-BASS] have land that touches this, as do Gabon, Kenya, Brazil, and Congo. Ecuador's name is based on the fact that this goes through it. For 15 points--what is this line at zero degree latitude, the center of the Earth?

answer: equator

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15. In the 1700's one of these was named for a body part, the ear of Robert Jenkins. The one of Austrian Succession is also known as the Potato one due to the food needed by participants. The "Football" one involved Honduras and El Salvador. Israel was invaded during the Yom Kippur one. For 15 points--these are all what type of disagreement between nations in which soldiers might lose their lives?

answer: war

16. The Niobrara River flows through the northern part of this state and the Republican River traverses its south. This was the third of the five states the Mormons traveled on their 1840's migration to Utah. This state's highest point is called Panorama, near its southwest corner with Wyoming and Colorado. For 15 points--name this state whose most populous cities include North Platte, Bellevue, Lincoln, and Omaha.

answer: Nebraska

17. Dave Pottinger helped design this game's Genie engine and the "smart villager" artificial intelligence, for collecting resources such as crops or ore. Originally called "Dawn of Man", this series features "random map," and "campaign" modes, and players attempt to advance from the Stone to Iron Period or conquer neighbors. For 15 points--*The Rise of Rome*, *The Conquerors*, *The WarChiefs*, *The Asian Dynasties*, and *The Age of Kings* are expansions and sequels to what video game about building a strong civilization?

answer: Age of Empires (do not accept "Age of Mythology")

18. The Roman arch of Septimius [sep-TIM-mee-us] Severus lasted for centuries, but had to be restored after this caused its deterioration. This phenomenon commonly contains sulfuric or nitric compounds and causes gravestones to become unreadable as pieces flake off. For 15 points--what is this form of pollution that comes from clouds and has a pH less than 7?

answer: acid rain

19. This country experienced the Hundred Flowers Movement in which the government encouraged people to voice their opinions. In the 19th century, General Tso helped put down the Taiping Rebellion in this country. In the 1930's it was invaded by Japan, which included the so-called Rape of Nanking. For 15 points--what is this Asian country ruled through history by the Song, Ming, and Qing [CHING] dynasties?

answer: (People's Republic of) China

20. In his 1616 Will, he left his second-best bed to his wife Anne. Some of his tragedies include *Cymbeline*, *Coriolanus*, and *Timon of Athens*. This playwright's comedies include *The Two Gentlemen of Verona* and *The Merry Wives of Windsor*. For 15 points--who is this British writer, whose most famous work may be *Romeo and Juliet*?

answer: William Shakespeare