## 1. US Literature

This novel is based on an event that supposedly happened on July $20^{\text {th }}, 1714$. The main character is Brother Juniper, who tries to make sense of five deaths that he witnesses in Peru. Name this 1927 novel by Thornton Wilder.

ANSWER: (The) Bridge of San Luis Rey
2. Calculus/Combinatorics (10 Seconds)

This problem is named after the Frenchman who wrote about it in 1777. When finding the solution analytically, it is important to know that the average value of the positive sine function is two over pi. When finding the solution experimentally, you can compare your results with two over pi, which is about 0.6366 . That number should be corrected by multiplying by the length of the dropped object and dividing by the distance between lines. Name this problem whose title implies that the Frenchman dropped his sewing utensil.

ANSWER: Buffon's Needle

## 3. Music

This piece begins with two flutes that are joined by clarinets. The last full section is called the Vysehrad, the name of an ancient castle. First performed in 1875, it was the second of a set of six symphonic poems known as Ma Vlast. Its organization parallels the course of the Vltava River as it flows through Bohemia. Name this work by Bedrich Smetana.

ANSWER: (The) Moldau (accept Vltava or Ultava on early buzz)
4. Chemistry (60 Seconds)

Round to the nearest whole number. Find the volume in liters of 273 grams of carbon dioxide gas at a temperature of 440 Kelvins and a pressure of 224 millimeters of Mercury.

ANSWER: 760 (Liters)
5. Religion/Mythology

This character is the son of Dasaratha and the older brother of Bharata, Lakshman, and Shatrughna. When his wife is kidnapped by Ravana, a monkey army helps get her back. Name this husband of Sita often considered an avatar of Vishnu who is the hero of a great Hindu epic.

ANSWER: Rama
6. Algebra (60 Seconds)

Find the $x$ - and $y$-coordinates of the focus of the parabola given by the equation $x^{2}+6 x+y+5=0$.

ANSWER: $(-3,3.75)$ (y could also equal $33 / 4$ or $15 / 4$ )
7. World History

One of the best sources about this politician is Sallust, but the accounts are clouded by Sallust's hatred of him. This man died in battle about the same time that many of his allies were condemned and executed. They had tried to overthrow the Roman Republic in 63 BC. Name this rival of Cicero.

ANSWER: Catiline (or (Lucius Sergius) Catilina)

## 8. Technology

This programming language was created in 1972 as an alternative to LISP. It allows the user to supply a database and then query the database, and prompts are usually denoted by a question mark followed by a hyphen. Name this logic programming language.

ANSWER: Prolog (prompt Planner)
9. Pop Culture

ANSWERS: HABCDFEG 86537142

## 10. World Literature

This 1924 novel was inspired by the author's wife's stay in a sanatorium. One of the most interesting characters in the sanatorium in the book is Lodovico Settembrini. The main character, Hans Castorp, is supposed to go there to visit his cousin for three weeks, but he stays for seven years because of his fascination with the place. Name this Thomas Mann novel set in the Swiss Alps.

ANSWER: (The) Magic Mountain (or (Der) Zauberberg)

## 11. Biology

This term is used to name the innermost layer of the cornea, but it more commonly names a layer found throughout the body. It used to be thought of as inactive, but it is now believed to play an important role in maintaining blood pressure. Name this interface between blood and blood vessels.

ANSWER: Endothelium (accept Endothelial Cells)

## 12. Language Arts

This eight-letter word refers to a sudden manifestation or perception of the essential nature or meaning of something. It is often connected to revelations of God. Name this term also used for a Christian holiday celebrating the baptism of Jesus or the appearance of the magi.

ANSWER: Epiphany
13. Geography/Astronomy/Earth Science

This Period lasted from the Tournasian Age until the Gzhelian Age, ending about three hundred million years ago. Some of the early evolution of reptiles occurred during this time; it was the beginning of amniote eggs. In North America, it is divided into Mississippian and Pennsylvanian Epochs. Name this period whose name is derived from coal deposits.

ANSWER: Carboniferous

## 14. Current Events

This Summer, he married the mother of his daughter. His daughter was born in 2001, which is when he became President. The head of the People's Party for Reconstruction and Democracy, he recently won his first election-he originally became President after his father died. He took over while a war was going on that killed millions of people. Name this man hated by former followers of Mobutu Sese Seko who rules from Kinshasa, Democratic Republic of the Congo.

ANSWER: (Joseph) Kabila (Kabange)
15. Geometry/Trigonometry (10 Seconds)

In 1997, Kimberly Clark was sued for putting a design resembling these on its toilet paper. They were patented in 1979 after being discovered by the man they are named after and Robert Ammann. They are sometimes created by combining pentacles, sometimes by kites and darts, and sometimes by thick and thin rhombuses. Name these shapes that can completely cover an infinite plane in a nonrepeating pattern.

ANSWER: Penrose (Tiles or Tiling or Tessellation) (prompt Tessellation)
16. British Literature

Many of his works, starting with "A Ballad of Life" and "A Ballad of Death" were published in a collection titled Poems And Ballads in 1866. Several of his works were set in medieval times, including "Rosamond" and "The Tale of Balen". Name this writer of "Atalanta in Calydon" and "The Triumph of Time".

ANSWER: (Algernon Charles) Swinburne
17. Nonfiction

A collection of his essays was published in 1968, and his autobiography was published in 1978. Those books have similar titles. He died in 1998. He was an Evangelical Christian Republican late in life, but he is better known as the Minister of Information of the Black Panthers. At one point, he lived in Algeria and received stipends from North Korea. Name this author of Soul on Ice and Soul on Fire.

ANSWER: (Eldridge) Cleaver
18. Physics

ANSWER: 12 (Volts)

## 19. Art/Architecture

One of his best-known designs in the United States is the Carpenter Visual Arts Center at Harvard. He also designed the museum named after him in Zurich. Associated with the International Style of Architecture, his buildings contained very little on the ground floor. Name this architect associated with France and Switzerland who played a major role in the design of the United Nations Headquarters.

ANSWER: (Le) Corbusier (accept (Charles-Edouard) Jeanneret)
20. US History

He was offered the post of Secretary of War by Woodrow Wilson, but he was a pacifist Quaker and so refused it. A few years later, he became Attorney General. When ten bombs exploded throughout Eastern US cities on June $2^{\text {nd }}, 1919$, his house was one of the targets. He responded by arresting thousands of immigrants, including many union members. Name this man associated with those arrests and the accompanying raids.

ANSWER: (Alexander Mitchell) Palmer

## 21. US Literature

One of her plays is about somebody who becomes an art historian and another is about a reunion of three Jewish sisters. She also wrote the screenplay for The Object of My Affection, which starred Jennifer Aniston. Name this recently deceased playwright who wrote The Heidi Chronicles and The Sisters Rosenzweig.

ANSWER: (Wendy) Wasserstein
22. Calculus/Combinatorics (60 Seconds)
(Note to moderator: dy/dx can be read as 'd y d x'.) Evaluate the derivative dy/dx at the point $(8,2)$ for the equation $y^{2}+y=x-2$.

ANSWER: 1/5 (or .2)
23. Music

This opera includes the songs Questa o quella, La donna è mobile, and Bella figlia dell'amore. Set in Mantua, it involves a curse by Count Monterone on the title character. At times, the title character confuses the Count with his daughter. Name this work about a hunchbacked jester composed by Giuseppe Verdi.

ANSWER: Rigoletto
24. Chemistry ( 10 Seconds)

If the solution has a lot of ionic strength, then the Pitzer Equation should be used instead of this one. This states that a constant times the ion charge squared times the square root of ionic strength divided by the quantity one plus another constant times the diameter of the ion times the square root of ionic strength is equal to the opposite of the $\log$ of the activity coefficient. It accounts for the fact that ions are generally in greater proximity to opposite charges than like charges. What is this theory named after the Dutch and German scientists who formulated it during the 1920s?

ANSWER: Debye-Huckel (Theory or Equation)
25. Religion/Mythology

His motto was 'Faith seeking understanding'. Considered by some the founder of Scholasticism, he is generally credited with the first ontological proof for the existence of God. While at Bec, he wrote four dialogues and the books Monologion and Proslogion. Name this Archbishop from the eleventh and twelfth centuries.

ANSWER: (Saint) Anselm (of Canterbury or of Bec)
26. Algebra ( 60 Seconds)

Figure out how fast Jane walks, including units. She jogs twice as fast as she walks, and it takes her two hours total to walk six miles and jog six miles. Remember to include units.

ANSWER: 4.5 miles per hour (accept equivalents such as $41 / 2$ or $9 / 2$ )
27. World History

ANSWERS: EDCAB 51423
28. Technology

You can give your answer as an abbreviation. This company is in the process of merging with ATI. They made a deal with Intel in 1982; in 1991, a court made Intel pay them one billion dollars for violating the contract, and the two companies are still involved in several lawsuits with each other. Name this global supplier of integrated circuits for personal and networked computing and communications whose name is often given as a three-letter abbreviation.

ANSWER: AMD (or Advanced Micro Devices)
29. Pop Culture

This show is often recorded in the Fitzgerald Theater and includes Sue Scott, Tim Russell, and Guy's All-Star Shoe Band. The movie about it starred Lily Tomlin, Meryl Streep, Kevin Kline, Woody Harrelson, and Tommy Lee Jones. It always includes stories about Lake Wobegon in Minnesota. Name this public radio show headed by Garrison Keillor.

ANSWER: (A) Prairie Home Companion
30. World Literature

He was alive around 500 BCE , and most of his poems link past legends to the heroes of his time. Though most of his poetry survives only in fragments if at all, his 44 Epinicia, which celebrate athletic triumphs, still survive. Name this lyric poet of Thebes famous for his odes.

ANSWER: Pindar

## 31. Biology

These protoplasmic extensions almost always conduct impulses inwards. Their segments are labeled as first order, second order, etcetera, depending on how they are connected to their soma. Name these branched projections of neurons that receive information from synapses.

ANSWER: Dendrite(s) (accept Dendron(s))

## 32. Language Arts

This term was originally used by John Milton for the castle that is the capital of Hell. One hundred years later, people started using it to represent a place that is chaotic, and one hundred years after that people started using it to mean wild, lawless confusion. It combines the Greek prefix for all with the Latin root for evil spirit. Give this eleven-letter word beginning with the letter P .

ANSWER: Pandemonium
33. Geography/Astronomy/Earth Science

This is the smallest member of the European Union. It contains seven islands, including Gozo and Comino, and it is located in the middle of the Mediterranean Sea. Name this nation South of Sicily and East of Tunisia whose capital is Valletta.

ANSWER: Malta

## 34. Current Events

You can answer with the abbreviation or the full name. It is sometimes referred to as The Purple Political Army, and it is affiliated with The Purple Ocean. It is currently headed by Andy Stern and used to be led by John Sweeney, the current head of the AFL-CIO. Name this union with over 1.8 million members that represents janitors, health care workers, and government employees.

ANSWER: SEIU (or Service Employees International Union)
35. Geometry/Trigonometry (60 Seconds)

Include units in your answer. Find the area of quadrilateral $A B C D$. Point $A$ is at the center of a circle with a radius of one centimeter, and points $\mathrm{B}, \mathrm{C}$, and D are unique points on the circle such that arcs BC and CD are each one hundred thirty-five degrees. Find the area of ABCD , remembering to include units and that the radius of the circle is one centimeter.

ANSWER: Root 2 over 2 square centimeters

## 36. British Literature

ANSWERS: DABCE 34215

## 37. Nonfiction

This philosophical work on ethics started as a collection of essays and was put into book form in 1863. The second of five chapters defines the title, which is a fourteen-letter word. Building on the work of Jeremy Bentham, it argues that we should assess actions by their consequences and try to bring the greatest amount of happiness possible for the population. Name this book by John Stuart Mill.

ANSWER: Utilitarianism
38. Physics (10 Seconds)

This eighteenth and nineteenth century German scientist argued ahead of his time that meteorites fell from the sky. He is best known, however, for extending Robert Hooke's acoustic experiments, and his work is used in the design and testing of musical instruments. Name this scientist who placed sand on objects with different shapes, including plates, to find nodal regions.

ANSWER: (Ernst) Chladni
39. Art/Architecture

For the last seventeen years of his life, this artist agreed to complete three paintings each year for the School of San Rocco. The school is in Venice, where he spent his entire life. One of his most famous works often is contrasted with Leonardo da Vinci-it depicts The Last Supper from an angle and shows angels above the disciples. He also created a work titled Paradise that was 74 feet wide. Name this artist born with the name Jacopo Robusti.

ANSWER: Tintoretto (accept (Jacopo) Robusti before it is mentioned)

## 40. US History

There were many rumors that this man lost his sanity and attempted suicide after the death of his wife, though these rumors are sometimes attributed to people who did not appreciate his opposition to Jay's Treaty. He was a signer of the US Constitution, the Governor of South Carolina from 1779 to 1782, and the first Associate Justice appointed to the United States Supreme Court. Name this man who, as a recess appointment, served as Chief Justice of the Supreme Court before being rejected by the Senate and replaced by Oliver Ellsworth.

ANSWER: (John) Rutledge
41. US Literature

This writer of novels, columns, poems, short stories, and poetry often wrote about the characters Basil and Isabel March. His best-known work is an 1885 novel about a Colonel who makes a lot of money in the paint business. Name this editor for Atlantic Monthly and Harper's who wrote Their Wedding Journey, A Modern Instance, and The Rise of Silas Lapham.

ANSWER: (William Dean) Howells
42. Calculus/Combinatorics (60 Seconds)

How many ways can you line up two identical cookies, two identical pies, and two identical cakes to form one big line?

ANSWER: 90

## 43. Music

(Note to moderator: $3 / 4$ should be pronounced as 'three four'.) Chopin was the first person to write these as individual pieces, completing four of them. Typically, they are parts of larger pieces similar to minuets, but quicker and more light-hearted. Their name comes from the Italian word for Joke. Give this musical term beginning with the letter S.

ANSWER: Scherzo(s) (accept Scherzi)
44. Chemistry (10 Seconds)

This law is named after a nineteenth century Scottish chemist. It can be theoretically derived from the fact that gas temperature varies directly with kinetic energy, so therefore two gases at the same temperature have velocities that vary inversely with the square root of their molecular masses. The velocities of the molecules in turn vary directly with the gas's rates of intermingling. Name the law that uses these relationships to determine rates of diffusion and effusion.

ANSWER: Graham's (Law of Diffusion and/or of Effusion)
45. Religion/Mythology

ANSWERS: DAEBC 24153
46. Algebra (60 Seconds)

Assume that the population of The United States is three hundred million. Figure out how many births there were in The United States last year using a birth rate of 14.6 per every one thousand people.

ANSWER: 4,380,000 (four million, three hundred eighty thousand)
47. World History

This general won the Battles of Chacabuco and Maipu. He spent much of his youth in Spain, and he returned to Europe after his retirement. Most of his career, however, was spent fighting against Spanish forces in Argentina, Chile, and Peru. Name this ally of Simon Bolivar and Bernardo O'Higgins.

ANSWER: (José Francisco de) San Martín (y Matorras)
48. Technology

This website was started in 2004 by people associated with Revision3 Corporation, and it has had fierce competition with Shoutwire. It has a Swarm and Stack, just like mom used to bake. Well...if mom baked real-time flash visualization tools. Stories can be buried by classifying them as duplicate, spam, wrong topic, inaccurate, or lame. Name this user driven social content website focusing on technology articles and news stories; its name is four letters long.

ANSWER: (www.)digg(.com)
49. Pop Culture

This actor appeared in The Defiant Ones, Blackboard Jungle, In the Heat of the Night, and To Sir, With Love. He also played a doctor in the original Guess Who's Coming To Dinner? and won a Best Actor Oscar for Lilies of the Field. Name this man who started his career as an understudy to Harry Belafonte at the American Negro Theatre.

ANSWER: (Sir Sidney) Poitier

## 50. World Literature

One of the characters in this play is known only as The Logician; he always reaches wrong or incomplete conclusions. The main character is an alcoholic in love with Daisy. Throughout much of the play, people refuse to believe what they see with their own eyes as several residents of a small town are transformed. Name this absurdist work by Eugene Ionesco about people changing into animals.

## ANSWER: Rhinoceros

## 51. Biology

There are now believed to be twenty-four classes of this protein. The first class has one heavy chain and associates with Golgi membranes. The second class has two heavy chains and makes up much of the thick filaments in muscles. Name this protein that works with actin to contract muscles.

ANSWER: Myosin

## 52. Language Arts

This word used to mean a heading in a book highlighted in red. Nowadays, it is used primarily by teachers, especially when they are trying to assess written work in an objective way. Give this six-letter term beginning with the letter R.

ANSWER: Rubric
53. Geography/Astronomy/Earth Science

These are very difficult to locate and confirm, but several examples have been found recently, including HD 3651B and Gliese 229B. Each has a mass of about ten to the twenty-ninth kilograms and some lithium in its atmosphere. They are not heavy enough to maintain fusion, so they are dark in color. Name these objects more massive than planets and less massive than stars.

ANSWER: Brown Dwarf(s) (prompt M Dwarf, L Dwarf, or T Dwarf)

## 54. Current Events

## ANSWERS: AHI BGK CFJ DEL

55. Geometry/Trigonometry (60 Seconds)

Give your answer in simple radical form, and include units. Find the area of a trapezoid which has three sides of length four centimeters and one side of length eight centimeters.

ANSWER: 12 Root 3 Square Centimeters (or Centimeters Squared) (do not accept Centimeters)
56. British Literature

This book contains two characters named Obstinate and Pliable who are residents of the City of Destruction. The main character, named Christian, travels through many scary places until he ends up in The Celestial City on Mount Zion. Name this 1678 allegory written by John Bunyan.

ANSWER: (The) Pilgrim's Progress

## 57. Nonfiction

He wrote one work in one hundred forty-two books, of which thirty-five have survived in their entirety. He was from Padua but spent much of his time in Rome. Name this author of Ab Urbe Condita, which is translated as History of Rome from its Foundation, a historian who probably died in 17 CE.

ANSWER: Livy (or (Titus) Livius)
58. Physics (10 Seconds)

This is used to point out the fact that special relativity only applies to inertial reference frames. It involves a story about one person staying on Earth while another flies away and then returns at very high speeds. The person on Earth ages more than the traveler, which seems like a problem until you consider the acceleration of the traveler. Name this apparent flaw of special relativity that can be explained by general relativity.

ANSWER: Twin Paradox
59. Art/Architecture

There are seven in marble and nine in bronze, each of which is extremely well polished. The first one is in the Metropolitan Museum of Art, and one of them was recently auctioned off for twenty-seven million dollars. Most people agree that each shows a trajectory rather than an actual animal. Name this work by Romanian artist Constantin Brancusi.

ANSWER: Bird In Space (accept L'oiseau dans l'espace) (accept pluralizations)
60. US History

He labeled Judge Luke Lawless an Irish papist and was soon forced to leave town. A little over one year later, he was shot while trying to protect a warehouse from being burned down by an angry mob. Name this newspaper editor from the 1830s whose printing presses were often tossed into the Mississippi River. This Presbyterian minister is often viewed as a martyr to the abolitionist movement.

ANSWER: (Elijah) Lovejoy

## First Tie:

In "What Is Poetry", he asks, "Trying to avoid Ideas, as in this poem?" This living poet has collections titled Chinese Whispers, Your Name Here, and Wakefulness. Many of his works give the experience of a mind trying to theorize reality. Name this poet of "Farm Implements and Rutabagas in a Landscape" and "Self-Portrait in a Convex Mirror".

ANSWER: (John) Ashbery
(60 Seconds)
Find the $x$-radius of the ellipse given by the equation $4 x^{2}+y^{2}-16 x+2 y-19=0$.
ANSWER: 3
It was released over a period of twelve years, with three volumes divided into quartos and a total of seventy-one chapters. It covers a long period of history ending in 1453, and it is critical of Christianity and the use of mercenaries. Name this history book written during the eighteenth century by Edward Gibbon.

ANSWER: (The History of the) Decline and Fall of the Roman Empire
Many of this artist's works include many occurrences of four or five short parallel segments of the same color, large single-digit numbers, or bull's-eyes. He also created a series on The Seasons, a work that contains written color names titled False Start, and a series of charcoal drawing titled Study for Skin. Name this living American artist who often paints flags. He once voiced himself as a kleptomaniac on The Simpsons.

ANSWER: (Jasper) Johns
Its leaders used a tactic known as pretexting and are now charged with identity theft, unauthorized access to computer data, using false pretenses to obtain confidential information, and conspiracy. Of the five people charged, the most notable is former Chairwoman Patricia Dunn. Name this company that has recently acquired Mercury Interactive, Silverwire, and VoodooPC.

ANSWER: Hewlett-Packard (accept HP or answers including Compaq)
The answer is an eight-letter word. The field created inside one of these devices is almost uniform, especially near the center. The field outside points in the opposite direction and is weaker. It can be strengthened by giving it an iron core. Give this term beginning with the letter S for a coil of wire used to create a magnetic field.

ANSWER: Solenoid

Second Tie:
He served in the US House of Representatives from 1997 to 2004 before losing an election to Ted Poe. He recently won election back to the House after moving to a different district and defeating Dr. Shelley Sekula-Gibbs, who was forced to run as a write-in candidate. Name this Democrat who now holds the seat vacated by Tom DeLay.

ANSWER: (Nick) Lampson
The title character in this work is a maid to an old woman who dies. She then works for the woman's son. The novel consists of letters written by the maid to her parents, and it was parodied twice by Henry Fielding. Name this 1740 novel written by Samuel Richardson subtitled Virtue Rewarded.

ANSWER: Pamela

## (10 Seconds)

This theorem was named posthumously after an eighteenth century British mathematician and reverend. It often is used in the analysis of false positive tests. This theorem states that the probability of $A$ given $B$ is equal to the probability of A times the probability of B given A divided by the probability of B. Name this theorem important to conditional probability.

ANSWER: Bayes (Theorem)
This is a text file that typically ends with a shell command. Your computer typically follows all the commands in the file, though pushing F8 will cause a computer to ask for permission before performing each command. The shell command runs the autoexec.bat file. Name this file that tells Windows about your computer and its drivers when your computer is booted.

ANSWER: config(.sys)
It called for a lower house elected by the people and an upper house elected by the lower house. Proposed by Edmund Randolph, its most important feature may have been a transferal of power from states to people. Its most controversial feature, however, was making the size of state congressional delegations proportional to their populations. Name this plan credited to James Madison that was countered a few weeks later by the New Jersey Plan.

ANSWER: Virginia Plan (prompt Large State Plan)
In medicine, this eight letter word refers to a plan for treatment. In other fields, it can refer to the draft of a treaty or rules for determining the format of data. It more commonly refers to a code of correct conduct. Give this word that begins with the letter P.

ANSWER: Protocol

Third Tie:
It is also known as 2,5-diamino pentanoic acid, and its chemical formula is $\mathrm{C}_{5} \mathrm{H}_{12} \mathrm{~N}_{2} \mathrm{O}_{2}$. It is created when arginine is metabolized, and it combines with carbamoyl phosphate to form citrulline and orthophosphate during the urea cycle. Name this amino acid sometimes used to give an alternative name to the urea cycle.

ANSWER: Ornithine (prompt Orn)
This character is supposed to be sacrificed to Artemis but instead becomes a priestess to her. She is the brother of Orestes and daughter of Agamemnon and Clytemnestra. She was the subject of two plays by Euripides and plays by Coster, Racine, and Goethe. Name this character often associated with the locations Aulis and Tauris.

ANSWER: Iphigenia (accept Iphianassa, Iphimedeia, or Orsilochia)

## (60 Seconds)

Ignore units, and give an answer rounded to the nearest tenth rather than an exact answer. Find the perimeter of an isosceles triangle that has a base of length two and an area of one. Remember to round the perimeter to the nearest tenth-do not give an exact answer.

ANSWER: 4.8
He played in the major leagues from 1941 to 1963, hitting four hundred seventy-five home runs and batting three thirty-one. He was the National League Most Valuable Player three times, played in twenty-four All-Star Games, and had his uniform number six retired by the Saint Louis Cardinals. Name this great baseball player nicknamed 'The Man.'

ANSWER: (Stanley 'Stan the Man’) Musial
It started out as a European play and film during the 1970s before becoming a hit Broadway musical in 1983. Its songs include "With You on My Arm", "A Little More Mascara", and "I Am What I Am". An inspiration for the movie The Birdcage, it is about a manager of a drag show nightclub whose son gets engaged to a woman with Conservative parents. Name this work considered Broadway's first homosexual musical.

## ANSWER: La Cage Aux Folles

This word refers to the tendency to relapse into a previous mode of behavior. Give this term beginning with the letter R that often refers to released prisoners who return to a life of crime.

ANSWER: Recidiv(-ate, -ation, -ism, -ist, or -ous)

The first one was in flight for twenty-six hours and crashed upon landing. In all, there were forty missions in the first phase. Other phases are designated using the letters T, TM, or TMA. Many of these missions have linked with Salyut missions to create the first space stations. Give this term, meaning Union in Russian, used to designate the biggest Russian spaceflight program.

ANSWER: Soyuz
DESPERATION SHOT: BDCA DABC DBAC CADB DABC 4,608,800,000

Name $\qquad$
Given the name of an NBA coach, match him with his current team and former team(s). If he has more than one former team, they are listed from earliest to latest.

| Former Team (A-H) | Coach | Current Team (1-8) |
| :---: | :---: | :---: |
|  | Maurice Cheeks | - |
|  | Mike Fratello |  |
|  | Phil Jackson |  |
|  | George Karl | - |
|  | Pat Riley | - |
|  | Doc Rivers | - |
|  | Flip Saunders | - |
|  | Scott Skiles |  |

Former Teams:
A. Atlanta, Cleveland
B. Chicago
C. Cleveland, Golden State, Seattle, Milwaukee
D. Lakers, New York
E. Minnesota
F. Orlando
G. Phoenix
H. Portland

Current Teams

1. Boston
2. Chicago
3. Denver
4. Detroit
5. Lakers
6. Memphis
7. Miami
8. Philadelphia
$\qquad$


Find the sum of the EMFs of the batteries. Give your answer in Volts.
$\qquad$
Match each site on the map with the name of the battle involving Napoleon that took place near there and the year of the battle. The boundaries on the map are modern boundaries.


Battles:
A. Austerlitz

Years:

1. 1797
B. Borodino
C. Leipzig
D. Rivoli
E. Waterloo
2. 1805
3. 1812
4. 1813
5. 1815
___ Count It
$\qquad$ Don't Count It
$\qquad$
Match each Shakespeare character with the quote he said and the character he killed or helped kill just before stating the quote.

QUOTES (A-E)
$\qquad$

KILLERS
Cinna
Hamlet
Macbeth
Othello
Romeo

VICTIMS (1-5)
$\qquad$
-
$\qquad$
$\qquad$
$\qquad$

## QUOTES

A. "A bloody deed!-almost as bad, good mother, As kill a king, and marry with his brother."
B. "I have done the deed—Didst thou not hear a noise?"
C. "I that am cruel am yet merciful; I would not have thee linger in thy pain."
D. "Liberty! Freedom! Tyrrany is dead!"
E. "Oh, I am fortune's fool!"

## VICTIMS

1. Desdemona
2. Duncan
3. Julius Caesar
4. Polonius
5. Tybalt

## RELIGION/MYTHOLOGY

Name $\qquad$
Match each thing with the type of object it is and who owned it.
OBJECTS (A-E)

THINGS
Caduceus
Draupnir
Hrunting
Mjolnir
Vajra

OWNERS (1-5)
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$

OBJECTS
A. Armband
B. Hammer
C. Lightning Bolts
D. Rod
E. Sword

OWNERS

1. Beowolf
2. Hermes
3. Indra
4. Odin
5. Thor

## CURRENT EVENTS

Name $\qquad$
In the elections this week, Democrats gained several governorships in which the Republican incumbent was not running. Match each incoming governor with their state, their opponent in the general election, and their predecessor.

## STATE OPPONENT PREDECESSOR

| Mike Beebe | - | - | - |
| :--- | :--- | :--- | :--- |
| Deval Patrick | - | - | - |
| Eliot Spitzer | - | - | - |
| Ted Strickland | - | - |  |

STATES:
A. Arkansas
B. Massachusetts
C. New York
D. Ohio

OPPONENTS:
E. Ken Blackwell
F. John Faso
G. Kerry Healey
H. Asa Hutchinson

PREDECESSORS:
I. Mike Huckabee
J. George Pataki
K. Willard Mitt Romney
L. Robert Taft II

DESPERATION SHOT
Name $\qquad$
Each set of four quotes is followed by a list of the people who said them. Match each quote with the person credited for it. There is no penalty for guessing.
__ At any rate, I am convinced that God does not play dice.
___ Life is a gamble at terrible odds_if it was a bet, you wouldn't take it.
__ Madame Sosostris, famous clairvoyante, Had a bad cold, nevertheless is known to be the wisest woman in Europe, with a wicked pack of cards.

Never play cards with a man called Doc.
A. Algren
B. Einstein
C. Eliot
D. Stoppard
__ All science is either physics or stamp collecting. Art is meant to disturb, science reassures.
__ Detection is, or ought to be, an exact science.
Science without religion is lame, religion without science is blind.
A. Braque
B. Doyle
C. Einstein
D. Rutherford

I never give them hell. I just tell the truth, and they think it is hell.
$\qquad$ Let us begin by committing ourselves to the truth, to see it like it is and tell it like it is.
$\qquad$ Truth exists; only lies are invented. We all know that Art is not truth.
A. Braque
B. Nixon
C. Picasso
D. Truman
___ Everyone wants to understand art. Why not try to understand the song of a bird? Hey! Mr Tambourine Man, play a song for me.
Joy is wisdom, Time an endless song.
__ The hills are alive with the sound of music, with songs they have sung for a thousand years.
A. Dylan
B. Hammerstein
C. Picasso
D. Yeats
___ All changed, changed utterly: A terrible beauty is born.
__ Beauty is the first test: there is no permanent place in the world for ugly mathematics.
__ Beauty is truth, truth beauty. That is all ye know, and all ye need to know.
___ Mathematics, rightly viewed, possesses not only truth, but supreme beauty.
A. Hardy
B. Keats
C. Russell
D. Yeats

TIEBREAKER (closest on either side): Procter \& Gamble spent more money than any other corporation last year on total advertising in The United States. How much money did it spend?

