

1. Invented in 1913 by Arthur Wynne, it is derived from the Victorian game called Magic Square. It first appeared in the New York World, and by 1920 every major newspaper printed one. FTP What is this verbal mental exercise?

\Crossword Puzzle\

2. One of the founders of the still dominant Republican Party of Indiana, from 1863 to 1869 he served as US Speaker of the House. Implicated in the Credit Mobilier Scandal, FTP who was Vice President from 1869 to 1873 under Ulysses S. Grant?

\Schuyler Colfax\

3. A surveyor for the Emperor Augustus, he wrote a famous treatise covering all types of building, planning, engineering, geometry, and astronomy. It influenced the whole gamut of later builders, from Thomas Jefferson and Inigo Jones to Bramante and Palladio. FTP Who wrote "De Architectura"?

\Vitruvius (Pollio)\

4. The protagonist and novel's namesake is a New England farmer married to Zenobia, a whining and domineering hypochondriac. He falls in love with Zenobia's young cousin Mattie Silver, they try to attempt suicide but fail and are crippled and remain more than ever in Zenobia's power. FTP what is this Edith Wharton novel?

\Ethan Fromme\

5. They range throughout the equatorial rain forests of Central Africa where they hunt with tiny bows and poison tipped arrows or 100 foot long nets of vine. FTP Identify this tribe with an average height under 4 feet 6 inches tall.

\Pygmy\

6. This military engineer in 1482 offered his services to the Duke of Milan in a letter which told of his portable bridge, his armored wagons, and his bombards. He also claimed he could vie successfully with any in the design of public and private buildings. However, he is most famous as a painter, FTP who created the "Last Supper"?

\Leonardo da Vinci\

7. James McHenry, James Barbour, James Monroe, James Porter, James Cameron, and James Good all held FTP what Cabinet post last held by Kenneth Royall and originally held by Henry Knox?

\Secretary of War\

8. An apprentice weaver was disciplined for not having his frame straight. In a fit of anger he beat his machine to pieces- and subsequently anyone who broke his frame was given a name derived from his. From these simple developments, a major uprising was begun in Northern England in the years 1811 and 1812. FTP What were these challengers of the established framework called?

\Luddites (accept Ned Ludd or Ludlow)\

9. This gland of the gnathostome vertebrate is situated in mesentery near the duodenum, into which it discharges an alkaline mixture of digestive enzymes. Called "Sweatbread", FTP What is this home to the islets of Langerhans?

\Pancreas\

10. He was dubbed "The Old One", as he became head of government at the old age of 73 when the powers occupying his homeland combined their influence zones into West Germany. FTP who is this man who served as mayor of Cologne until removed by the Nazis and again until he was removed by the British?

\Konrad Adenauer\

11. Akbar the Great made this city the capital of the Mogul Empire in the 1560s. Shah Jahan a descendent of his built a famous tomb here for his wife Mumtaz. FTP in what city is the Taj Mahal located?

\Agra\

12. It states that if a stress is placed upon a system in equilibrium, the equilibrium is displaced in the direction that counteracts the effect of the stress. An increase in the concentration of a substance favors the reaction that uses up the substance and lowers its concentration. FTP what is this chemical law?

\Le Chatelier's Principle\

13. Hailed as the greatest contemporary Spanish-American poet and writer, his works are expressionist dreams and mythical fantasies. FTP Who is this author of "Aleph", and "Labyrinths"?

\Jorge Luis Borges\

14. Originally ants, they were turned into human beings by Zeus to populate the island of Oenone. FTP who were these people of Thessaly who in the Illiad followed Achilles to the seige of Troy and were distinguished for their savage brutality?

\Myrmidons\

15. The North Sea separates England from the Netherlands, the English Channel separates England from France, but FTP what two parts of the United Kingdom are separated by the North Channel?

\Scotland and Northern Ireland (or Ulster)\

16. This French born composer settled in the United States in 1915 and cultivated music involving extremes of dissonance, unusual instrumentation, and often "scientific" titles. FTP who composed "Ionization", "Density 21.5" - a flute solo referring to the specific gravity of platinum, and "Octandre" and whose work had "Variations" composed on it by the rock band "Chicago"?
\\Edgard Varese\\

17. Lewis Eliot is a lawyer and government administrator who narrates the eleven novels in this series. Including "The Light and the Dark", "Time of Hope", "The Masters", "The New Men", "Homecoming", "The Conscience of the Rich", "The Affair", "Corridors of Power", "The Sleep of Reason", and "Last Things", FTP what is this series written over thirty years by C.P. Snow and which takes its name from the first novel in the series?
\\Strangers and Brothers\\

18. They themselves are divided into four sects: The Hanafites, The Hanbalites, The Malikites, and The Shafilites. FTP what is this orthodox and conservative body of Muslims who form the majority of Islamic peoples?
\\Sunnites or Sunni Muslims\\

19. He wrote his books in Russian using the pseudonym "Vladimir Sirin". FTP who is this author of "The Real Life of Sebastian Knight", "The Eye", and "King, Queen, Knave"?
\\Vladimir Nabokov\\

20. The Year is the Same: Britain recognizes Irish independence, Chaing Kai Shek loses China, the US prematurely withdraws occupying forces from South Korea, the Berlin Airlift ends, and Nehru becomes the first Prime Minister of India. FTP Name the common year.
\\1949\\

21. In 1941, her anti-Fascist drama "Watch on the Rhine", won the New York Drama Critics Circle award. Born in New Orleans, FTP who is this playwright of "Another Part of the Forest" and "The Little Foxes"?
\\Lillian Hellman\\

4/50/90

1. BONUS PROBLEM The density of a gas is 2.5 grams per liter. Given that at Standard Temperature and Pressure 1 mole of gas occupies 22.4 liters, For thirty points, what is the molecular weight of five liters of gas?

56 grams per mole ($2.5 \text{ g/L} \times 22.4 \text{ L/mol} = 56 \text{ g/mol}$)

2. BONUS The core of Buddha's teachings were the Four Noble Truths. Being told that last of these truths is to follow the Noble Eightfold Path. FTP each name the other three truths:

Suffering is Universal,

The cause of all suffering is selfish craving or desire,

The cure to the problem is to eliminate selfish craving and desire

(reader note: be liberal with interpretation)

3. BONUS During the War of 1812, Captain James Lawrence of the Chesapeake spoke those famous words "Don't Give Up the Ship". In fact, this was the second time the Chesapeake was captured. What British ship captured the Chesapeake in the following years (15 points each):

1. 1807

HMS Leopard

2. 1813

HMS Shannon

4. BONUS Pulitzer Prize Winning author William Kennedy wrote three books in his "Albany Cycle" about Jack Diamond. FTP apiece name them

Legs, Billy Phelan's Latest Game, Ironweed

5. BONUS In the equation " $E = \sigma / \epsilon$ ", " E " is the Modulus of Elasticity. For fifteen points each, what do Sigma and Epsilon represent?

Stress (or Force per Unit area) = Sigma,

Strain (or change in length over length) = Epsilon

(reader note: accept answer in either order)

6. BONUS Deflecting attention from the Presidency had been the de facto if not de jure job of several Cabinet officers in the Reagan Administration, particularly the Attorney Generals and the Secretaries of the Interior. Each job had three occupants during the late Reagan Administration, for five points each, name all six.

Attorney General: William French Smith, Edwin Meese 3rd, Dick Thornburgh;
Secretary of Interior: James Watt, William Clark, Donald Hodel

7. BONUS Identify these archeological finds (fifteen points each):

1. The French Egyptologist Champollion deciphered hieroglyphics using this: 10

The Rosetta Stone

2. This large cliff rock contained writing in Persian, Susian, and cuneiform 20
Babylonian and enabled scholars to decipher cuneiform writing of Mesopotamia

Behistun Inscription

8. BONUS Identify these British Prime Ministers:

1. Three time Prime Minister, he obtained passage of the Trades Disputes Act and played a role in the abdication of Edward VIII

\Stanley Baldwin\

2. As P.M. the Labour Party obtained the nationalization of much British Industry and the Bank of England. He was P.M. at the end of World War II.

\Clement Attlee\

3. In 1938 he obtained "Peace in Our Time", but that time was very short.

\Neville Chamberlain\

9. BONUS Identify these psychotic American Poets for fifteen points each

1. She won a Pulitzer Prize for her poem "Live or Die" in 1966 and, in a brilliant career move, committed suicide in 1974 after living in psychiatric hospitals. Who wrote "All My Pretty Ones" (1962) and "Love Poems" (1969)?

\Anne Sexton\

2. Typical of the profession, this Michigan poet's career was interrupted by manic-depressive episodes, but they did not interrupt his lyricism. Who wrote "Praise to the End" (1951) and "Words for the Wind" (1958)?

\Theodore Roethke\

10. BONUS Which of the following in each pair has more chromosomes, or are they the same (in six parts) five points each:

1. Mosquito or Fruit Fly

\Fruit Fly\

2. Onion or Corn

\Corn\

3. Male Grasshopper or Female Grasshopper

\Female Grasshopper\

4. Cat or Man

\Man\

5. Goldfish or Man

\Goldfish\

6. Cat or Dog

\Dog\

11. BONUS Identify these French Socialists for fifteen points each:

1. He outlined his ideal of a new social order in the principle "From each according to his abilities, to each according to his needs". He organized the first French socialist party in the 1840s and was a leader in the 1848 uprisings. After the downputting of the uprising he fled to England, but in 1871 returned and became a member of the Chamber of Deputies.

\Louis Blanc\

2. Elected in 1936, he headed the first Popular Front Government, but the reforms he instituted led to his undoing. In 1946 and 1947 he was again Premier.

\Leon Blum\

12. BONUS Corporate Korea, like corporate Japan's Zaibatsus also has very large corporations called "Chaebol" that constitute a very large percentage of the nation's output. Name two or the four largest Chaebol for ten points, three for twenty or four for all thirty points:

\Daewoo, Hyundai, Lucky-Goldstar, Samsung\

13. BONUS Its most recent famous work of literature is "A Japan That Can Say No!", but earlier books from that island nation had more lasting merit. Identify these books of Japanese literature (FTP each):

1. It is the sacred book of Shinto, written in 712, which gives the basis for the Emperor's Divine Origin

\Kojiki\

2. Court Lady Shikibu Murasaki wrote this work, considered the world's oldest novel, in about the year 1000 in addition to her famous diary and a collection of Tanka poetry.

\The Tale of Genji\

3. Written in the last decade of the 9th century, this book by Sei Shonagan, a lady in waiting, is a famous collection of lists and court gossip.

\The Pillow Book of Sei Shonagon\

14. BONUS Claims of discovery are often erroneous. According to accepted historical research, Who led the parties that really reached the following places first through the following media of transportation for five points each and five more for all correct:

1. North Pole by land

\Peary Apr 6, 1909\

2. South Pole by land

\Amundsen Dec. 14, 1911\

3. North Pole by air

\Byrd May 9, 1926\

4. South Pole by air

\Byrd Nov 29, 1929\

5. North Pole by water

\USS Nautilus (capt. Anderson)\

15. BONUS Answer these questions about the order Chelonia FTP each

1. What character in Alice's Adventures in Wonderland shows Alice how to dance the Lobster Quadrille?

\Mock Turtle\

2. What is the ACC school has a mascot of the order Chelonia?

\University of Maryland\

3. What archipelago 650 miles west of Ecuador has a name meaning that can be translated as a member of the order Chelonia?

\Galapagos\

16. BONUS Identify these Mayors of Chicago for fifteen points apiece:

1. Frank Nitty, leader of the Chicago Mob, tried to rub out this mayor twice, including the night he actually was killed, only to be foiled by Eliot Ness's Untouchables. However an unemployed bricklayer named Zangara unintentionally killed him in Miami when aiming for President-Elect Roosevelt.

\Anton Cermak\

2. This boss of Chicago lambasted the students at the 1968 Democratic Presidential Convention, leading what has been called a Police Riot.

\Richard Daley\

17. BONUS John Mauchly and J. Presper Eckert are two computer pioneers. For fifteen points each identify the following computers (use acronyms please):

1. At the University of Pennsylvania in 1943, they developed this computer for the army which could operate "Error Free" for over 12 hours

\ENIAC\

2. They went into private industry in 1946, and were bought out in 1950 by Remington Rand where they launched the first large commercial computer which went by this name.

\UNIVAC\

18. BONUS Founders of cities are generally less famous than the sports franchises that represent them, identify the following city founders given a sports clue about a big four sports league franchise for 10 points each, or the city name for 5 points.:

1. (10) Original home to the Pistons

(5) Fort Wayne (1794)

\Anthony Wayne\

2. (10) Home to the Red Wings

(5) Detroit

\Antoine de la Mothe Cadillac\

3. (10) Represented by the Nordiques

(5) Quebec

\Samuel de Champlain\

19. BONUS Are the following composers considered Baroque, Impressionistic, Romantic, or Classical (five points each):

1. Henry Purcell

\Baroque\

2. Robert Schumann

\Romantic\

3. Claude Debussy

\Impressionistic\

4. Frederic Chopin

\Romantic\

5. Joseph Haydn

\Classical\

6. Claudio Monteverdi

\Baroque\

20. BONUS In two parts fifteen points each

1. This Robert Louis Stevenson novel dealt first with the adventures of David Balfour and a Jacobite Alan Breck:

\Kidnapped\

2. For an additional fifteen points, what was the sequel to "Kidnapped"?

\Catriona\