

Bowl Round 4

First Quarter

(1) George Miller's work on this process and its "magic number" was criticized by later experiments that demonstrated the value of "chunking" in this process. The ancient Greek and Roman "method of loci" was used to improve this process, and autistic savants are frequently mentioned for their ability to perform extreme feats of this process. For ten points, name this mental process that consists of encoding, storing, and retrieving information about past events.

ANSWER: memory

(2) This crisis unites the storytellers of *The Decameron*, who try to escape it in Florence. This event spread as far as Iceland, supposedly carried by fleas on rats. This disease, caused by the pathogen *Yersinia pestis*, was named for large swellings of the lymph nodes called buboes. For ten points, name this disease that swept through much of Asia and Europe during the 14th century, killing tens of millions of people.

ANSWER: Black Death (or the Black Plague or the Bubonic Plague; accept Yersinia pestis before mentioned)

(3) One of these policies named for Walker improved relations with Great Britain after the repeal of the Corn Laws. One of these policies was described as an abomination and led to the Nullification Crisis, while the Smoot-Hawley example made the Great Depression worse by slowing global trade. NAFTA restricts Canada, Mexico, and the United States from using, for ten points, what type of tax on imported goods?

ANSWER: tariff (accept Walker Tariff, Tariff of Abominations, Smoot-Hawley Tariff)

(4) In this election year, a primary campaign suffered in South Carolina due to flyers suggesting he fathered an illegitimate black child. This election year featured John McCain's first campaign for the presidency, and its outcome may have been affected by the use of confusing "butterfly ballots" in Palm Beach County, Florida. For ten points, name this election year in which the popular vote was won by Al Gore, but the electoral college named George W. Bush U.S. President.

ANSWER: 2000 US Presidential Election

(5) This plant arrived in the New World thanks to Beatriz de Bobadilla, who gave cuttings of it to Christopher Columbus. Boiling houses converted the juice of this plant into a raw material that could then be shaped into a loaf. In the late 18th century, the beet provided a European-based replacement for this crop, which was grown by slave-based plantations throughout the Caribbean. For ten points, name this grass crop that produces stalks rich in sucrose that can be refined into a popular sweetener.

ANSWER: sugarcane (prompt on sugar or cane alone)

(6) The 1951 Accord restored this organization's independence after years of wartime restrictions that caused the CPI to outpace this organization's guidelines. In 1933, an Open Market Committee was added to this organization, which serves as the "lender of last resort." Janet Yellen currently chairs, for ten points, what central banking system of the United States?

ANSWER: Federal Reserve System

(7) This man consolidated his power when his rival Harry von Arnim was caught pilfering secret government records. This leader provoked a war in which his nation gained Alsace-Lorraine after the battles of Sedan and Metz. Leo von Caprivi succeeded this editor of the Ems Dispatch, who espoused the policy of realpolitik [real-pol-ih-teek] in the “Blood and Iron” speech. For ten points, name this instigator of the Franco-Prussian War, an “Iron Chancellor” credited with unifying the German states.

ANSWER: Otto von Bismarck

(8) With Johanna Bethune and Isabella Graham, this man’s wife co-founded an organization that is now Graham Windham, a youth-focused non-profit; this man’s wife also assisted Dolley Madison with finding funds for the Washington Monument. For ten points, name this husband of Elizabeth Schuyler [skyler], an American founding father whose biographer, Ron Chernow, inspired Lin-Manuel Miranda to write a Broadway musical.

ANSWER: Alexander Hamilton

(9) This action was avoided by Elvis Presley for two months to film *King Creole*, but his eventual performance of this action inspired the musical *Bye Bye Birdie*. Muhammad Ali was banned from boxing for 3 years for refusing to engage in this activity. Britain’s Prince Harry started the Invictus Games for people injured in this activity after he did it in Afghanistan. For ten points, name this action which people are drafted into through Selective Service.

ANSWER: military service (generously accept equivalents; accept equivalents to “conscription” or “being drafted” until “he did it” is said)

(10) The Sultanate of Rum failed to stop this campaign, in part because the Danishmends had tied up the forces of Alp Arslan. Peter the Hermit inspired the poor to aid this campaign, whose participants rallied around the the cry “Deus vult!” Following the Battle of Manzikert, Alexius Comnenus was forced to request this campaign to counteract the power of the Seljuk Turks. Pope Urban II’s Council of Clermont began, for ten points, what Christian campaign that retook Jerusalem from the Muslims in 1099?

ANSWER: First Crusade (prompt on Crusade(s))

Second Quarter

(1) One holder of this position fought the Battle of Reed Rules in order to eliminate the disappearing quorum. The longest holder of this position was Sam Rayburn, and the only holder of this position to later become President has been James Polk. This position controls appointments to the Rules Committee and is second in the presidential succession. Nancy Pelosi was the first female holder of, for ten points, what political position, currently held by Paul Ryan, that leads the lower house of U.S. Congress?

ANSWER: Speaker of the U.S. House of Representatives

BONUS: This Speaker of the House proposed the “Contract with America” as minority whip in 1994, bringing Republicans into the House majority for the first time in forty years.

ANSWER: Newt Gingrich

(2) This city was ruled by dual kings from the Agiad and Eurypontid dynasties, who were responsible to the ephors. One ruler of this city, Lycurgus the Lawgiver, introduced the agoge [ah-goh-gah], a rigorous training program for all young men. One king of this city replied “come and take them” after being asked to lay down his arms by Xerxes I. Leonidas died at Thermopylae with 300 soldiers from, for ten points, what militaristic Greek city-state, a rival of Athens?

ANSWER: Sparta

BONUS: Spartan farms were primarily worked by these slaves, who were primarily conquered Messalians.

ANSWER: helots

(3) This city’s ruins held the Plimpton 322 tablet, which lists a series of Pythagorean triples. A 7th and 6th century BC empire based in this city grew under Nabopolassar and ended when Nabonidus was defeated by Cyrus the Great. The Hittites defeated an older empire in this city, which instituted a law code based on the “eye for an eye” concept. For ten points, name this Mesopotamian city-state led in different millennia by Hammurabi and Nebuchadnezzar, who built the Hanging Gardens there.

ANSWER: Babylon (accept Neo-Babylonian Empire)

BONUS: These Mesopotamian step-pyramids had shrines at their highest levels. Nabonidus rebuilt a Great one of these in Ur.

ANSWER: ziggurats

(4) This artist created a work inspired by Goya’s *3rd of May, 1808* showing pregnant women with children in front of a futuristic firing squad; that work was a response to U.S. involvement in the Korean War. Another work by this artist includes a flower growing from a sword held in a severed arm. A screaming horse stands under a light bulb in that monochrome work by this artist. For ten points, name this Cubist painter who depicted the bombing of a Basque town during the Spanish Civil War in *Guernica*.

ANSWER: Pablo Ruiz y Picasso

BONUS: Picasso also created a series of etchings, similar in style to *Guernica*, named for “The Dream and Lie” of this Spanish general and leader.

ANSWER: Francisco Franco Bahamonde

(5) After one of these events, Harry Fielding Reid developed his elastic-rebound theory. In the 1930s, two Caltech scientists were inspired by the apparent magnitude scale of stars to develop a system for measuring these events. That scale has been replaced by the Moment Magnitude scale. The Mercalli intensity scale measures the destruction caused by these events. The Richter scale also measures, for ten points, what seismic events that cause massive shaking of the ground?

ANSWER: earthquakes

BONUS: Earthquake intensity scales are logarithmic, as is this standard scale for measuring the intensity of sound. This system’s unit is named for a Scottish inventor.

ANSWER: decibel system or scale

(6) This ruler was able to lift trading restrictions after signing the Treaty of Küçük Kaynarca [koo-chook kai-nar-ka]. This ruler descended from the royal family of Anhalt and founded the Hermitage. Cossacks targeted this patron of Voltaire during Pugachev's Rebellion. Fake villages to show prosperity were constructed by this ruler's lover, Grigory Potemkin. For ten points, name this enlightened despot and 18th century Empress of Russia.

ANSWER: Catherine the Great (or Catherine II)

BONUS: Catherine the Great collaborated with Prussia and Austria in the first of three partitions of this country. This country would not become independent again until after World War I.

ANSWER: Poland-Lithuania

(7) In this decade, the Emergency Tariff and Fordney-McCumber Tariff were passed to support American agriculture. Charles Lindbergh flew *The Spirit of St. Louis* during this decade, which began with the passage of the 19th Amendment and included the Harlem Renaissance. For ten points, name this decade of American prosperity, often described by the phrase "Roaring," that was ended by a Wall Street crash on Black Tuesday.

ANSWER: 1920s

BONUS: This proposed amendment to the Constitution was first introduced in the 1920s. It was meant to forbid discrimination based on gender, but was ratified by only thirty-five states before its 1979 deadline.

ANSWER: Equal Rights Amendment (or ERA)

(8) In February 2016, the Sunnylands Declaration was issued against this country. In July 2016, the Permanent Court of Arbitration ruled against this country's maritime claims in favor of the Philippines. This country claims territory, including the Paracel and Spratly Islands, within the waters bounded by the "nine dash line." A land reclamation project known as the "Great Wall of Sand" was built by, for ten points, what country that disputes the sovereignty of its namesake sea to its south?

ANSWER: People's Republic of China

BONUS: This country disputes the southeastern corner of China's nine-dash territory via claims off the coast of its states of Sarawak and North Borneo.

ANSWER: Malaysia

Third Quarter

The categories are ...

1. Henry Ford
2. The Industrial Revolution
3. The Tang Dynasty

HENRY FORD

Name the...

(1) Car that his company mass produced from 1908 to 1927, then replaced by the Model A.

ANSWER: Model T

(2) Color that, starting in 1914, was used for every one of those cars.

ANSWER: black

(3) Michigan city that became the home of his company and the center of the American auto industry.

ANSWER: Detroit

(4) Inventor of the incandescent lightbulb, who Ford started working for at the beginning of his career.

ANSWER: Thomas Edison

(5) Economic concept that Ford set at \$5, allowing his workers to buy his cars.

ANSWER: minimum daily wage

(6) Type of airplanes produced at Ford's Willow Run facility, including the B-24 Liberator.

ANSWER: bombers (prompt on general answers like combat airplanes; do not accept or prompt on answers involving "fighter" or "jet")

(7) Successor as head of Ford Motors, Henry Ford's son and the namesake of a "lemon" released in 1958.

ANSWER: Edsel Ford

(8) Religious group Ford railed against in *The Dearborn Independent*.

ANSWER: Jewish people

THE INDUSTRIAL REVOLUTION

Name the...

(1) European nation with capital London where the Industrial Revolution began.

ANSWER: United Kingdom (or UK; accept Great Britain; accept England)

(2) Industry where revolution led to increased crop output and a growing population.

ANSWER: agriculture (accept descriptions of farming)

(3) Invention that powered many plants when moving water was unavailable, invented by James Watt.

ANSWER: steam engine

(4) The crop sourced from Egypt, India, and the American South, which fueled textile mills.

ANSWER: cotton

(5) Metal that was tempered into steel and used to build stronger buildings.

ANSWER: iron

(6) Industrial process used to create steel from otherwise unhelpful smelting byproducts by blowing air to remove impurities.

ANSWER: Bessemer process

(7) The multi-spindle frame, invented in the 1760s, that allowed for the mass production of yarn.

ANSWER: spinning jenny

(8) Engineer who designed the Great Western Railway, as well as pre-fabricated hospitals for the Crimean War effort.

ANSWER: Isambard Kingdom Brunel

THE TANG DYNASTY

The Tang Dynasty...

(1) Created a monopoly on what food flavoring obtained from evaporated seawater?

ANSWER: salt

(2) Claimed descent from the founder of which Chinese philosophy, which deals with yin and yang?

ANSWER: Taoism (or Daoism)

(3) Ruled millions of people with this ethnicity, which shares its name with the second imperial dynasty of China?

ANSWER: Han (accept Han dynasty)

(4) Tried conducting what kind of survey to determine how many people lived in the empire?

ANSWER: census

(5) Brought the Mahayana sect of what religion to prominence to China?

ANSWER: Buddhism (accept word forms)

(6) Expanded what system to select candidates for the civil service in China?

ANSWER: Imperial examinations (accept equivalents)

(7) Was interrupted by what only female Empress of China?

ANSWER: Wu Zetian

(8) Succeeded what short-lived dynasty that managed to reunify China and built the Grand Canal?

ANSWER: Sui Dynasty

Fourth Quarter

(1) One island in this territory was home to a naval bombing range that, after the death of David Sanes, was closed after protests in 2003. Vieques is a part of this region, whose El Yunque rainforest is home to the (+) coqui frog. Its governor lives in La Fortaleza, a converted fortress built in 1540 under the orders of Charles V. Residents of this territory were (*) granted US citizenship in the Jones Act and endorsed changing their official status in a two-part 2012 referendum. For ten points, name this Spanish-speaking US commonwealth whose capital is San Juan.

ANSWER: Puerto Rico

(2) Description acceptable. Samuel DuPont chaired a commission that planned this strategy. The *H. L. Hunley*, the first submarine to sink another ship, did so while opposing this strategy. David Farragut said “Damn the (+) torpedoes, full speed ahead” to capture the port of Mobile as part of this strategy. Raphael Semmes proposed swift runners to defeat this strategy and bring (*) cotton to Bermuda. For ten points, name this strategy, a part of the Union’s Anaconda Plan that prevented the Confederacy from conducting overseas trade.

ANSWER: Union blockade (accept Anaconda Plan before mention)

(3) In this novel, a character describes the Seven Years War as over “a few acres of snow somewhere around Canada.” The title character of this work travels with the aforementioned Martin and the valet (+) Cacambo, with whom he takes sheep laden with gems away from El Dorado. The title character is advised by a syphilitic philosopher who, despite the Great (*) Lisbon Earthquake, is convinced he lives in the “best of all possible worlds.” Pangloss and Cunegonde are characters in, for ten points, what satirical novel written by Voltaire?

ANSWER: Candide

(4) This leader employed Nikolai Yezhov as the head of a secret police force and approved Lavrentiy Beria’s plan to kill thousands of dissidents in what is now called the Katyn massacre. This leader may have responded to a rebellion against him by orchestrating a mass (+) famine in Ukraine, the Holodomor. Hundreds of thousands of political opponents, including fellow (*) Communists, were killed in a Great Purge ordered by this leader from 1936 to 1938. For ten points, name this dictator of the USSR who ruled during World War II.

ANSWER: Joseph Stalin

(5) The shooting of Isao Oyama outside this city’s Hongqiao Airport sparked an attack on this city. The Gang of Four included Mao Zedong’s wife and (+) three party leaders from this city, which the Japanese sieged for three months in autumn (*) 1937. For ten points, name this city on the mouth of the Yangtze River on the East China Sea, whose 24 million inhabitants rival Guangzhou, Shenzhen, and Beijing as China’s most populous city.

ANSWER: Shanghai

(6) In 1973, this country's Prime Minister was assassinated by separatists in Operation Ogre. Those separatists within this country used (+) *fueros* to protect home rule and regional laws until a new constitution was passed in 1812. Luis Carrero Blanco was murdered in this country, where King (*) Juan Carlos I reigned for four decades. For ten points, name this European country where the ETA seeks Basque independence from a country led from Madrid.

ANSWER: Kingdom of Spain

(7) This diplomat re-assigned Archer Blood within his department, rather than respond to the Blood Telegram warning of genocide during the Bangladesh War. This Cabinet member began the policy of détente with the (+) USSR and worked to normalize relations with China. This man was co-recognized with Le Duc Tho for their work on the Paris Peace Accords; Le Duc Tho refused that Nobel Peace Prize, as the (*) Vietnam War had not actually ended. For ten points, name this Secretary of State under Presidents Nixon and Ford.

ANSWER: Henry Kissinger

(8) One opera set in this country includes an offstage chorus singing Psalm 104 and is the final entry in the "Portrait Trilogy." Another opera set in this country was commissioned by Ismail Pasha to celebrate the opening of the Khedival Opera House and features the title princess singing (+) "O patria mia." This country is the setting of a Philip Glass opera about a pioneering monotheistic ruler and a Verdi opera in which the title princess is buried alive with (*) Radames. For ten points, name this ancient civilization, the setting of *Aida* and *Akhmaten*.

ANSWER: (ancient) Egypt

Extra Question

Only read if you need a backup or tiebreaker!

(1) Control of this modern-day country was established after the 1806 Battle of Blaauwberg. The Jameson Raid attempted to provoke a rebellion in this modern day country, where the (+) Great Trek led to the foundation of the Orange Free State. The British drove Dutch settlers out of this country over the course of two (*) Boer Wars. Cecil Rhodes founded the de Beers company to mine diamonds from Kimberley in, for ten points, what African country where the British established a colony at Cape Town?

ANSWER: Republic of South Africa

BONUS: What general was honored as "the Liberator" due to his numerous wars against Spain for the independence of Venezuela and other South American countries?

ANSWER: Simón José Antonio de la Santísima Trinidad Bolívar y Palacios