

Second Set 2025-26

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Round 4

- 1) **The Fano plane consists of only this many points. Cross products can be conducted only on three-dimensional vectors or vectors in this many dimensions. Euler ["oiler"] invented graph (*) theory by solving a problem about this many bridges in Konigsberg. This is the second-smallest Mersenne prime because this is the second-smallest number that is both one less than a power of two and prime. The most likely sum of two six-sided dice is, for ten points, what number of sides of a heptagon?**

ANSWER: seven

Bonus 1) Give the following about your voyage on the rivers of the Greek underworld, for ten points each.

[10e] After entering Hades on the Acheron, you will need to travel on this river, on which the god's oaths are sworn. Charon ferries souls across this river for coinage.

ANSWER: River Styx

[10m] In avoiding Tartarus, you save yourself from sailing on the Phlegethon, a river flowing with this destructive phenomenon, which in some renditions boils the blood of souls.

ANSWER: fire (accept equivalents like flames)

[10h] Description acceptable. After the Cocytus, the final river you encounter is the Lethe [leh-thee], whose waters induce this condition. For attempting to abduct Persephone, Theseus and Pirithous were trapped on chairs inducing this condition.

ANSWER: forgetfulness (accept word forms like "forgetting memories;" accept descriptions of "losing one's memory" or "being unable to remember")

- 2) **This ruler's childhood was manipulated by Sir John Conroy in the Kensington System, and caused the Bedchamber Crisis when she replaced Lord Melbourne with Robert Peel as prime minister. This ruler was crowned (*) Empress of India by another prime minister, Benjamin Disraeli, who feuded with William Gladstone under this queen. For ten points, name this last English queen of the Hanoverian dynasty whose long reign defined the culture of the eighteen hundreds.**

ANSWER: **Victoria** (accept **Alexandrina Victoria**)

Bonus 2) A supernova may occur in these systems when a white dwarf collects enough mass from its partner. For ten points each,

[10e] Give this term for an astronomical system in which two stars orbit each other around a central point.

ANSWER: **binary** stars (accept **binary** system)

[10m] This brightest star in the night sky is actually a binary system; its B star, a faint white dwarf, wasn't observed until 1862.

ANSWER: **Sirius** (accept **Alpha Canis Majoris**; prompt on "Canis Majoris")

[10h] Another binary system, labeled "X-1" ["x" "one"] in this constellation, was the subject of a bet between Kip Thorne and Stephen Hawking regarding its status as a black hole. X-1 provides a strong source of X-rays in this constellation's Northern Cross.

ANSWER: **Cygnus** (accept **Cygnus X-1**)

- 3) **This religion's Book of Alma inspired the foundation of its Mel·chi·ze·dek Priesthood. Protective symbols representing a Compass and Square mark clothes worn by this religion that, since 2025, have been made in a (*) tank-top style due to popular demand. This religion is led by a President and twelve Apostles, who enforce a ban on "hot drinks" like coffee. For ten points, name this once-poly·gamous Christian denomination founded by Joseph Smith, now based in Utah.**

ANSWER: **L·D·S** Church (accept Church of Jesus Christ of **Latter-Day Saints**; accept **Mormon** Church or word forms like **mormonism**; prompt on "Protestant(ism)"; prompt on "Christianity" before it is read in the last sentence)

Bonus 3) Agents working in this program compiled a blackmail tape and wrote a letter telling the winner of the 1964 Nobel Peace Prize that "There is only one way out for you." For ten points each,

[10h] Name this illegal program in which the F·B·I spied on "subversive" groups like Communist Party U·S·A, the Black Panthers, and the United Farm Workers.

ANSWER: CO-INTEL-PRO (accept Counterintelligence Program)

[10e] COINTELPRO's aforementioned "suicide letter" was written to this Black peace activist, who suffered increased government scrutiny after giving the "I Have a Dream" speech at the 1963 March on Washington.

ANSWER: Martin Luther King, Jr (accept MLK)

[10m] This longtime F·B·I director encouraged the illegal surveillance of Martin Luther King and other civil rights leaders. After this man's 1972 death, many of his papers and files were destroyed.

ANSWER: J. Edgar Hoover (accept John Edgar Hoover)

- 4) ***Chlorella vulgaris* is a model species of these organisms, which are cultivated in photo-bio-reactors to make animal feed. Eutrophication causes unlimited growth of these organisms. Endo-symbiosis of chloroplasts first made these (*)** photosynthetic protists, which include both kelp and cyanobacteria, respectively the "brown" and "blue-green" types of these organisms. For ten points, name these often-green microbes that live on the surface of ponds.

ANSWER: algae (accept brown algae; accept green algae; accept blue-green algae; accept algal bloom)

Bonus 4) This poetry collection contained most of the "Lucy Poems," including "I travelled among unknown men" and "Strange fits of passion have I known." For ten points each,

[10h] Name this collection that also contains "We Are Seven."

ANSWER: Lyrical Ballads

[10e] *Lyrical Ballads* was written by Samuel Taylor Coleridge and this author of the Lucy Poems, who wrote "We are Seven" and included "I Wandered Lonely as a Cloud" in another collection.

ANSWER: William Wordsworth

[10m] *Lyrical Ballads* also contains this poem by William Wordsworth whose title says it was written "a few miles" above the title place. This poem begins, "Five years have passed; five summers, with the length / of five long winters!"

ANSWER: Tintern Abbey (accept Lines Written a Few Miles Above Tintern Abbey, on Revisiting the Banks of the Wye during a Tour, July 13, 1798; accept Lines Composed a Few Miles Above Tintern Abbey, on Revisiting the Banks of the Wye during a Tour, July 13, 1798)

- 5) **Authors from this country fictionalized the life of explorer Ludwig Leichhardt in the novel *Voss* and the life of a businessman who saved Polish Jews from the Holocaust in another novel. This country is the home of Patrick White and the author of (*) *Schindler's Ark*, Thomas Keneally. This country's Peter Carey follows a real former bushranger in, for ten points, what setting of *True History of the Kelly Gang*, which details a life of crime near Melbourne?**

ANSWER: Australia (accept Commonwealth of Australia)

Bonus 5) Name the following philosophers from their impolite dealings with fellow philosophers, for ten points each.

[10e] This co-author of the *Communist Manifesto* with Friedrich Engels declared Jeremy Bentham to be "the insipid, pedantic, leather-tongued oracle of the bourgeois intelligence of the nineteenth century."

ANSWER: Karl Marx

[10m] This author of *An Essay Concerning Human Understanding* wrote "there was never so much glib nonsense put together in well-sounding English" in his *Second Treatise of Civil Government*, a scathing attack on Robert Filmer.

ANSWER: John Locke

[10h] In 1946, Karl Popper's argument with this author of *Tractatus Logico-Philosophicus* devolved into this man waving a hot fireplace poker at Popper.

ANSWER: Ludwig Wittgenstein

- 6) **This country's Band-e Amir National Park is six deep blue lakes in the Hindu Kush mountains. This country holds the north side of the Durand Line, which was originally a border with British-controlled (*) India. This country, which controls the mountainous Wakhan Corridor, is on the northwestern end of the Khyber Pass, connecting it to Pakistan. For ten points, name this central Asian country where cities like Kandahar and Kabul are controlled by the Taliban.**

ANSWER: Afghanistan (accept Islamic Emirate of Afghanistan)

Bonus 6) Give the following about the scientific discoveries of Henry Cavendish for ten points each.

[10e] As discovered by Cavendish in 1777, humans and other mammals breathe oxygen but exhale this triatomic gas, then called "fixed air."

ANSWER: **carbon dioxide** (accept **C·O·2**; do not accept or prompt on "CO")

[10m] Cavendish discovered this electrical law decades before its German namesake. This law is illustrated by the equation "voltage equals current times resistance."

ANSWER: **Ohm's Law** (accept Georg **Ohm**)

[10h] In 1797, Cavendish built one of these devices, originally designed by the late John Michell, to experimentally measure the density of the Earth and thus calculate the gravitational constant. Coulomb used one of these devices to measure electrostatic force.

ANSWER: **torsion balance** (accept **torsion pendulum**; prompt on "balance" or "pendulum")

- 7) **This language, not the usual Latin, was used to write a seven-movement requiem whose opening translates to "Blessed are they who mourn." The first choral (*) symphony includes the "Ode to Joy," which was originally written in this language by Friedrich Schiller. Martin Luther's translation of the Bible inspired Johannes Brahms to write a requiem in, for ten points, what language that was spoken by Ludwig von Beethoven?**

ANSWER: **German** (accept A **German Requiem**; accept **Deutsch**; accept Ein **Deutsches Requiem**)

Bonus 7) In a trilogy by this author, Agamemnon kills Iphigenia [ih-fih-JIH-nee-ah], Clytemnestra [kly-tem-NEST-rah] kills Agamemnon, and Orestes [oh-RES-tees] kills Clytemnestra. For ten points each,

[10h] Name this ancient Greek playwright of the *Oresteia* [oh-res-TYE-ah].

ANSWER: **Aeschylus** [ESS-kihl-lus]

[10e] In the *Oresteia*, the cycle of death is finally broken when this Greek goddess of wisdom creates the legal system, allowing people to be prosecuted for crimes without the need for more murder.

ANSWER: **Athena** (accept Pallas **Athena**; accept **Athene**)

[10m] This modern narrative device is named for the way Athena and other gods were made to appear on stage. Because playwrights like Aeschylus made the gods show up and abruptly solve everyone's problems, this term now describes a contrived plot element that suddenly resolves a story.

ANSWER: **deus ex machina**

- 8) **In a novel by this author, Romero is beat up by the former boxer Robert Cohn, but performs as a matador anyway, to the delight of Lady Brett Ashley. In a short novel by this author, (*) Manolin is forbidden to help a "salao" [sah-LAH-oh], or "unlucky," man, who spends three days trying and failing to haul a giant marlin home from a fishing trip. For ten points, name this American author of *The Sun Also Rises* and *The Old Man and the Sea*.**

ANSWER: Ernest Hemingway (accept Ernest Miller Hemingway)

Bonus 8) This region became a Japanese puppet state in 1931 after the Mukden incident, in which a railway was almost attacked. For ten points each,

[10h] Name this region of China that borders North Korea. It is named for its native ethnic group, which led the Qing [ching] Dynasty until 1911; you can give either its current name or its name under Japanese control.

ANSWER: Manchuria (accept Manchukuo)

[10e] The Japanese installed Puyi, the last holder of this title, to "rule" over the puppet state of Manchukuo. Puyi ruled the Qing dynasty under this title for four years as a child.

ANSWER: emperor of China (accept Huángdi)

[10m] The Mukden incident is known as this type of event because the Japanese blamed Chinese dissidents for the attack, which was actually carried out by Japanese soldiers trying to provoke war. This two-word term originates from naval warfare in which ships concealed their identity.

ANSWER: false flag (accept additional information, like false flag attack)

- 9) **Abel Upshur held this office when he died in the U·S·S *Princeton* explosion. A Presidential resignation letter must be delivered to the holder of this office, which was held twice by (*) Daniel Webster. William Seward held this office in 1867 when he negotiated the purchase of Alaska. Thomas Jefferson was the first holder of, for ten points, what U·S cabinet position that is concerned with diplomacy and foreign affairs?**

ANSWER: Secretary of State

Bonus 9) Name these pop singing boys based on their January singles for early 2026 albums, for ten points each.

[10e] A decade after his last solo album, *24K Magic* [Twenty-Four Karat Magic], this singer released "I Just Might" for his upcoming project *The Romantic*. He also guest featured on the 2024 hits "Die With a Smile" and "APT" [ah-pah-teh].

ANSWER: Bruno **Mars** (accept Peter Gene **Hernandez**)

[10h] This singer released "LOVE YOU LESS" and "Last of a Dying Breed" for his upcoming album. His previous albums feature "SLOW DANCING IN THE DARK" and "Glimpse of Us."

ANSWER: **Joji** (accept George Kusunoki **Miller**; accept **Pink Guy**; accept **Filthy Frank**)

Note: The upcoming album is *Piss in the Wind*.

[10m] This singer will open his album *Kiss All The Time. Disco, Occasionally.* with the experimental single "Aperture," following a 2022 album that featured "Matilda" and "Late Night Talking."

ANSWER: Harry **Styles** (accept Harry Edward **Styles**)

Note: The earlier album is *Harry's House*.

- 10) **Selective catalytic reduction is used to reduce NO_x ["nox"] back into this gas. An iron catalyst is used to react this inert gas with hydrogen at high pressure to form a feedstock for (*) fertilizers.** Although this gas' triple bond can be broken by lightning, it otherwise cannot be fixed by twenty-one percent oxygen in the atmosphere and requires the Haber process to turn it into fertilizer. For ten points, name this most abundant gas in the atmosphere.

ANSWER: **nitrogen** gas (accept **N₂**; accept diatomic **nitrogen**; do not accept or prompt on "N" alone)

Bonus 10) This goddess is the central figure of two paintings whose backgrounds feature orange trees. For ten points each,

[10m] Name this Roman goddess who is accompanied by Zephyrus in both paintings and stands on a seashell in one of them.

ANSWER: **Venus** (accept The Birth of **Venus**; accept Nascita di **Venere**; do not accept or prompt on "Aphrodite")

[10e] *The Birth of Venus* and *Primavera* are paintings by this Italian artist of the Early Renaissance.

ANSWER: Sandro **Botticelli** (accept Alessandro di Mariano di Vanni **Filipepi**)

[10h] The Uffizi Gallery now houses both paintings and many other works commissioned by this Florentine banking family, whose sponsorship of Botticelli was represented by the oranges in his paintings.

ANSWER: House of **Medici**

- 11) In this novel, Léon's lover travels to Rouen to meet him while pretending to seek financial advice. This novel's title character considers jumping from a window when Rodolphe Boulanger [roh-DOLF boo-lawn-JAY] leaves her, and after she is pressured by Lheureux [lah-ROO] about her debts, she (*) drinks arsenic. Charles is shamed after he botches a club-foot operation in, for ten points, what novel about Emma, the frustrated wife of a country doctor, written by Gustave Flaubert [goo-STAHV floh-BAYR]?

ANSWER: Madame Bovary (accept Madame Bovary: Provincial Manners; accept Madame Bovary: Mœurs de province)

Bonus 11) Consider a single, familiar six-sided die, for ten points each.

[10m] This two-word phrase indicates two events that cannot both occur, like "rolling a six on the die" and "rolling a prime number on the die."

ANSWER: mutually exclusive (accept word forms, like mutual exclusion; prompt on "exclusive")

[10e] This is the probability of a single event satisfying two mutually exclusive events, like rolling a six AND a prime number. This is also the probability of any impossible event.

ANSWER: zero (accept zero percent)

[10h] This probability theorem, named for an eighteenth century English minister, trivially holds for mutually exclusive events, but is usually used for conditional probability problems such as "given that a patient has tested positive for a disease, what is the probability they actually have the disease?"

ANSWER: Bayes' theorem (accept Thomas Bayes)

- 12) Strabo's writings about this structure describe an Archimedes screw. Queen Semi-ramis' request or Amytis of Media's homesickness are each commonly cited as the reason that this structure was built, though we lack (*) archaeological evidence and primary text sources to confirm that it actually existed. Nebu-chad-nezzar legendarily built, for ten points, what series of irrigated terraces, a Wonder of the Ancient World in Babylon?

ANSWER: Hanging Gardens (accept Hanging Gardens of Babylon)

Bonus 12) This man wrote "Goodbye Pork Pie Hat," an elegy for his friend Lester Young, for a 1959 album whose title pretends to be a Latin declension of his name. For ten points each,

[10h] Name this jazz musician whose masterpieces include a six-movement album titled *The Black Saint and the Sinner Lady* and an album titled for his last name five times.

ANSWER: Charles Mingus (accept Charles Mingus, Jr.)

[10e] On albums like *Mingus Ah Um*, Charles Mingus played this low string instrument, which is usually played with a bow and/or "slapped" while being held upright in a jazz rhythm section.

ANSWER: bass (accept double bass; accept string bass; accept upright bass; accept slap bass; do not accept or prompt on "bass guitar")

[10m] In 1953, Mingus briefly subbed in this pianist's orchestra, before this man fired him for fighting with Juan Tizol. This man co-wrote extensively with Billy Strayhorn, whose "Take the A-Train" became this man's signature tune.

ANSWER: Duke Ellington (accept Edward Kennedy "Duke" Ellington)

- 13) **This thinker used the analogy of "judges trying to guess who the other judges think will win a beauty contest" to understand the stock market in the 1930s. The phrase "Carthaginian peace" was applied to the (*) Treaty of Versailles by this economist, whose ideas were largely opposed by Milton Friedman's monetarists. For ten points, name this early twentieth century British economist, the author of *The General Theory of Employment, Interest, and Money*.**

ANSWER: John Maynard Keynes

Bonus 13) The fallopian tube carries a fertilized egg to this organ, where it becomes a blastocyst and implants into this organ's wall. For ten points each,

[10e] Name this female reproductive organ.

ANSWER: uterus (accept womb)

[10h] The blastocyst implants into this lining of the uterus, which is shed during menstruation.

ANSWER: endometrium [ehn-doh-MEE-tree-uhm]

[10m] After implantation, this temporary organ develops to bring nutrients to the developing fetus. After birth, cutting the umbilical cord separates the baby from this organ.

ANSWER: placenta

- 14) **Data used in this process are collected by radiosondes ["radio"-sawnds] at high altitudes. This process may use the G·F·S model or the European model, which each claim less accuracy beyond ten days. Barometric (*)** pressure and cloud cover are important input variables for this process. On very short timeframes, Doppler radar may be used in, for ten points, what type of prediction that is done by meteorologists involving temperatures and rainfall?

ANSWER: **forecasting** the weather (accept descriptions like "**predicting the weather**;" accept specific examples, like "**predicting rainfall**" or "**tracking storms**;" prompt on "meteorology" before "meteorologists" is read; do not accept or prompt on "storm chasing")

Bonus 14) Amanda Matthews' artwork *The Girl Puzzle* commemorates this woman's work on Blackwell's Island. For ten points each,

[10h] Name this investigative journalist whose 1887 book *Ten Days in a Mad-House* exposed the conditions of American mental asylums.

ANSWER: Nellie **Bly** (accept Elizabeth Cochrane **Seaman**; accept Elizabeth Jane **Cochran**)

[10e] Bly's ordeal being "involuntarily" committed to the asylum at Blackwell's Island was sponsored by this mogul's *New York World* newspaper. This man now names a series of awards in journalism, fiction, drama, and other arts.

ANSWER: Joseph **Pulitzer** (accept **Pulitzer** Prize)

[10m] After becoming a respected journalist, Bly captivated readers by writing a travelogue while accomplishing this feat in seventy-two days. During this journey, Bly appropriately met with author Jules Verne.

ANSWER: traveling **around the world** (accept **circumnavigation** or word forms like **circumnavigating**; accept any additional information that references traveling **around the world** in eighty or fewer days)

- 15) **This god, who can hear grass growing, is known as Gullin-tanni for his golden teeth. This god is the son of nine mothers, and his three sons formed the social classes of serfs, farmers, and nobles. This god reclaimed (*)** Freyja's [frej-uh's] necklace Brisingamen by fighting with another god in the form of a seal. After blowing the Gjallarhorn [g'yall-ar-horn] to signal Ragnarok, this god will kill and be killed by Loki. For ten points, name this Norse deity who guards the Bifrost.

ANSWER: **Heimdall** (accept **Heimdallr**)

Bonus 15) This author wrote about the dissatisfied housewives Edna Pontellier and Louise Mallard, who each meet tragic ends when they cannot be independent from their husbands. For ten points each,

[10m] Name this author who also wrote about wronged women at the turn of the twentieth century in stories like "Désirée's Baby."

ANSWER: Kate Chopin [shoh-PAN] (accept Katherine O'Flaherty Chopin)

[10e] In this novel by Kate Chopin [shoh-PAN], Edna Pontellier tries to gain independence by having several affairs before killing herself by swimming into the Gulf of Mexico.

ANSWER: The Awakening

[10h] In this short story by Chopin, Louise Mallard believes that she is "Free! Body and soul free!" before she learns that the report of her husband's death was a mistake.

ANSWER: The Story of an Hour

- 16) **The 1974 November Revolution was triggered by discovering one of these particles. A plasma composed of these particles and gluons should be made by heavy ion collisions, according to Q·C·D. The Standard Model contrasts these (*) fermions with leptons. These particles have a charge of "plus two-thirds" or "minus one-third e," so baryons made of three of them are stable. For ten points, protons and neutrons are made of "up" and "down" flavors of what sub-sub-atomic particles?**

ANSWER: quark (accept strange quark; accept charm quark; accept up quark; accept down quark)

Bonus 16) In these events, two people may exchange jaya-mala flower garlands to accept each other as spouses. For ten points each,

[10e] Name this kind of religious or social ceremony in which a couple promises to share their lives.

ANSWER: wedding (accept marriage)

[10m] In a Hindu wedding, the couple walks around this substance seven times so that their promises to each other will be witnessed by Agni, the god of this substance.

ANSWER: fire (accept common equivalents such as flames)

[10h] This red dye, along with turmeric, is often used to make intricate patterns to decorate the hands and feet of brides.

ANSWER: henna (accept mehndi)

- 17) **The "Conformity Gate" theory incorrectly predicted that a secret episode of this show would release after its finale, which boosted the popularity of the song "End of Beginning." After helping kill (*) Vecna, Eleven appears to die in the Upside Down in this show, which ends with the start of a Dungeons and Dragons campaign. Joe Keery and Millie Bobby Brown starred in, for ten points, what Netflix show created by the Duffer Brothers, which ended its fifth and final season in 2025?**

ANSWER: **Stranger Things** (accept **Stranger Things** 5; accept **Stranger Things** season 5)

Bonus 17) One city of this name was once home to the Minnesota Vikings and Twins at Metropolitan Stadium, and another is home to the University of Indiana. For ten points each,

[10h] Give this shared name of three major midwestern cities. Illinois State University is in Normal, Illinois, which forms a metropolitan area with another city of this name.

ANSWER: **Bloomington**

[10e] Bloomington is a suburb of this capital city of Minnesota and its Twin City, Minneapolis.

ANSWER: **Saint Paul**

[10m] After Metropolitan Stadium was demolished, Bloomington, Minnesota became home to this shopping center with over five and a half million square feet of space.

ANSWER: **Mall of America**

- 18) **Amy Arbus used this medium for her art book "The Fourth Wall," which depicted actors in costume out of context. This medium was used by the group f/64 [f-stop-sixty-four], which championed purer subjects over this medium's style of (*) pictorialism championed by Alfred Stieglitz. That group was partially founded by the artist of *Moon and Half Dome* and other works in Yosemite National Park, Ansel Adams. For ten points, name this art form that captures images with cameras.**

ANSWER: **photography** (accept equivalents like taking **photos**; accept descriptions of using a **camera** before camera is read in the last sentence)

Bonus 18) Domitian built a hypogeum that originally sat underneath the floor of this facility, but is now open to the air. For ten points each,

[10e] Name this ancient amphitheater near the Roman Forum that could seat tens of thousands of fans for gladiator battles.

ANSWER: Colosseum (accept Roman Colosseum; accept Flavian Amphitheater; accept Amphitheatrum Flavium)

[10m] Domitian's hypogeum under the floor meant that the building could no longer host naumachia, which were this type of performance in a flooded Colosseum.

ANSWER: mock naval battles (accept descriptions like "battles between ships" or "boat combat" or "fake navy skirmish;" prompt on partial answers like "battles")

[10h] Near the Colosseum, Domitian also built the Ludus Magnus. As befits one definition of the word "ludus," the Ludus Magnus served as this facility for gladiators.

ANSWER: school (accept descriptions of a place for "learning how to be a gladiator," such as "training grounds" or "practice facility")

Note: the various definitions of "ludus" include "game," "sport," and "training," and "school."

- 19) **A character in this story collection who wears a rust-stained tunic describes Arcite and Palamon competing for the love of Emelye ["Emily"]. In another story in this work, Absolon and Nicholas compete for John's wife, Alisoun ["Allison"]. In this work's (*) frame story, pilgrims to the shrine of Thomas Becket stop at the Tabard Inn and tell each other stories. The Knight, the Miller, and the Wife of Bath narrate, for ten points, what collection of short stories in verse written by Geoffrey Chaucer?**

ANSWER: The Canterbury Tales

Bonus 19) This alkane and its isomer have been some of the safer non-ozone-destroying replacements for C·F·Cs. For ten points each,

[10m] Name this alkane that has four carbon atoms and ten hydrogens.

ANSWER: butane (accept n-butane; accept isobutane; do not accept or prompt on "C₄H₁₀")

[10e] Butane may not destroy the ozone layer, but it makes up for it in its propensity to undergo this dangerous reaction, because it's flammable.

ANSWER: combustion (accept word forms like combusting; accept burning; accept catching on fire or flames)

[10h] For safe, fire-free use in homes, butane is often treated with one of these organic compounds as an odorant. These sulfur-containing chemicals used to be called mercaptans, but they don't actually have mercury.

ANSWER: thiols

- 20) **This position was held by Carter Harrison the Third when he was murdered by jobseeker Patrick Prendergast in 1893. Another holder of this position was accidentally killed by Giuseppe Zangara, who targeted F·D·R. Harold Washington and the aforementioned Anton (*) Cermak [SER-mak] died while serving in this position, as did a man who oversaw the 1968 Democratic National Convention. Two men named Richard Daley held, for ten points, what city-wide political position in Illinois?**

ANSWER: mayor of Chicago (accept Chicago mayor; prompt on partial answers like "leader of Chicago" or "mayor" alone)

Bonus 20) In 2024, this author wrote *Knife: Meditations After an Attempted Murder* about a stabbing he survived as a result of a fatwa issued against him in 1989. For ten points each,

[10m] Name this author of *The Satanic Verses* and *Midnight's Children*.

ANSWER: Salman Rushdie (accept Sir Ahmed Salman Rushdie)

[10e] The title characters of *Midnight's Children* gain magical powers because they are born in the first hour of independence for this country, where Salman Rushdie was born in Mumbai.

ANSWER: India (accept Republic of India; accept Bharat Ganarajya)

[10h] The narrator of *Midnight's Children*, Saleem Sinai, has telepathy linked to this body part, which he says he inherited from his Kashmiri grandfather.

ANSWER: nose