

Second Set 2025-26

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Round 7

- 1) **This woman noted "This is no ordinary time" in the first-ever speech by a First Lady at a party convention. Contralto Marian Anderson sang at the Lincoln Memorial after this woman protested the Daughters of the American Revolution's (*) racism.** The Universal Declaration of Human Rights was written by a United Nations committee chaired by, for ten points, what longest-serving First Lady in American history, the wife of Franklin Roosevelt?

ANSWER: Eleanor Roosevelt (both underlined parts required; prompt on "Roosevelt" alone)

Bonus 1) Give the following about the Greek myth of the Calydonian boar hunt, for ten points each.

[10e] This hunting goddess sent the boar to terrorize Calydon after its king Oeneus [en-yoo-us] failed to honor her.

ANSWER: Artemis

[10m] This woman, sent to join the hunt by Artemis, landed the first hit on the boar with an arrow. She later was tricked into marrying Hippomenes when she distracted her with golden apples in a footrace.

ANSWER: Atalanta

[10h] This son of Oeneus led the hunt and killed the boar. He awarded Atalanta with the boar's hide for drawing its first blood.

ANSWER: Meleager

- 2) **These structures are colonized by *Streptococcus mutans*, which are killed by silver-containing drugs like Tollens' reagent. Natural hydroxy-apatite in these structures is remineralized and strengthened by trace levels of (*) fluoride.** In childhood caries, lactic acid bacteria ferment excess dietary sugar to degrade these structures' enamel coating. For ten points, name these calcified structures that are classified as incisors, canines, or molars in the human mouth.

ANSWER: teeth (accept tooth; accept incisors or canines or molars or other specific types of teeth; do not accept or prompt on "bone")

Bonus 2) This play's protagonist blames Steve Deever for defrauding the military in World War Two. For ten points each,

[10h] Name this play in which Joe Keller finally admits that he sold faulty airplane parts that killed the title twenty-one American pilots.

ANSWER: All My Sons

[10e] This American playwright wrote *All My Sons*, as well as *The Crucible*.

ANSWER: Arthur Miller (accept Arthur Asher Miller)

[10m] In this other tragic play by Arthur Miller, Willy Loman is disappointed by his sons, Biff and Happy, but crashes his car to give them a life insurance payout.

ANSWER: Death of a Salesman

- 3) **This man's final project was the unfinished Guggenheim Abu Dhabi. A monorail track runs through this architect's Museum of Pop Culture in Seattle, whose design features Jimi Hendrix-inspired (*) guitar motifs. A museum designed by this architect on the Nevrion River imitates a sailing boat with titanium plating. For ten points, name this Canadian-American architect whose use of curved metal designs is seen in the Guggenheim Bilbao.**

ANSWER: Frank Gehry (accept Frank Owen Goldberg)

Bonus 3) Bofors, a weapons manufacturer based in this country, gave kickbacks to Rajiv Gandhi's government in the 1980s. For ten points each,

[10m] Name this Scandinavian country whose more modern companies include a music streaming service whose founder owns an A-I drone producer, as well as a relatively uncontroversial furniture store, IKEA.

ANSWER: Sweden (accept Sverige; accept Kingdom of Sweden; accept Konungariket Sverige)

[10e] Daniel Ek's ties to AI drone tech led numerous bands to pull their music off of this Swedish music streaming service in 2025, ensuring that they didn't appear in your Wrapped year-end recap.

ANSWER: Spotify (accept Spotify Technology S.A.)

[10h] Swedish manufacturer Volvo suffered possibly the largest car theft in history when this country bought, then refused to pay for, more than two billion kronor worth of cars in the 1970s.

ANSWER: North Korea (accept Democratic People's Republic of Korea; accept D·P·R·K; accept Chosŏn Minjujuŭi Inmin Konghwaguk; prompt on "Korea;" do not accept or prompt on "Republic of Korea")

- 4) **In this country, David du Bose Gaillard led the excavation of a valley through the Culebra ridge, a task that Ferdinand de Lesseps tried and failed to complete in the 1880s. This country's province of Darién is the site of a (*) "gap" in the Pan-American Highway. Dams created Gatun Lake in this country as part of a construction project that was completed in 1914. Colombia once controlled, for ten points, what Central American country that owns a vital canal?**

ANSWER: **Panama** (accept Republic of **Panama**)

Bonus 4) The Grammy Award for Traditional Pop Vocal Album is often described as "old people music," which means you may be turning into your parents faster than you like. For ten points each,

[10e] This singer of "Abracadabra," "Die With a Smile," and other songs you'd actually hear on mainstream radio has also won two Traditional Pop Grammys for her duets with Tony Bennett, the undisputed king of the category.

ANSWER: **Lady Gaga** (accept Stefani Joanne Angelina **Germanotta**)

[10m] This Icelandic bossa nova singer has won two Traditional Pop Grammys: one in 2024 with her album *Bewitched*, featuring the song "From the Start," and one in 2026 for *A Matter of Time*.

ANSWER: **Laufey** [**LAY-vay**] (accept Laufey Lín Bing **Jónsdóttir**)

[10h] This Canadian crooner has won five Traditional Pop Album Grammys. It may be surprising that he has not won the award for a Christmas album, given that his warbling version of "It's Beginning To Look A Lot Like Christmas" is completely inescapable each December.

ANSWER: Michael **Bublé** (accept Michael Steven **Bublé**)

- 5) **In a play by this author, Pheidippides [**fay-ih-DIH-pih-dees**] becomes upset when his father, Strepsiades [**strep-see-AH-dees**], joins the Thinkery because he wants to learn to argue. In another play, Pisthetaerus [**pis-the-TAY-rus**] becomes king of the sky after building Cloud-cuckoo-land. This playwright made (*) fun of Socrates and Athenian politicians in plays like *The Clouds* and *The Birds*. For ten points, name the Athenian playwright whose works are the best-preserved ancient Greek comedies.**

ANSWER: **Aristophanes** [**ay-rih-STAH-fah-nees**]

Bonus 5) Goodyear mixes styrene and butadiene to make the Neolite type of this material. For ten points each,

[10e] Name this elastic material found in laboratory gloves and car tires.

ANSWER: **rubber** (accept styrene-butadiene **rubber**)

[10m] Rubber is harvested as this type of milky emulsion of polymer particles, not to be confused with sap. This term can also refer to rubber itself, particularly as used in gloves.

ANSWER: **latex** (accept **latexes**)

[10h] Legos are made from styrene, butadiene, and a simple compound with this functional group. Latex rubber gloves have mostly been supplanted by gloves named for these compounds, which end in a C-N triple bond.

ANSWER: **nitriles** (accept **nitrile gloves**; accept **acrylonitrile**)

- 6) **Believers in this religion wear kachhera and a kara bracelet. This religion's holiest site sits in the center of a sarovar reflecting pool, and contains the world's largest langar, a free (*) kitchen that serves all people of all faiths. A gurdwara in Punjab is the home of this religion's Golden Temple, which contains a copy of the Adi Granth. For ten points, name this religion founded by Guru Nanak, whose believers wear their uncut hair in turbans.**

ANSWER: **Sikh** (accept **Sikhism**; accept **Sikhi**)

Bonus 6) *Voyages and Homecomings* was originally the fourth volume of this poetry collection, which is titled for its 1953 first volume. For ten points each,

[10h] Name this poetry collection by Pablo Neruda that contains poems that uplift common things like a "Large Tuna in the Market," an artichoke, and a pair of socks.

ANSWER: **Elemental Odes** (accept **Elementary Odes**; accept **Odas elementales**)

[10m] Neruda wrote the *Elemental Odes*, and much of his other poetry, in ink of this color, which he described as the "color of hope."

ANSWER: **green**

[10e] In contrast to his uplifting odes, Neruda finished a collection of *Twenty Love Poems* with a "Song of" this negative emotion.

ANSWER: **despair** (accept The **Song of Despair**; accept Veinte poemas de amor y una canción **desesperada**)

- 7) **This quantity is removed isentropically during the expansion step of a Carnot cycle. This quantity is the area inside the cycle of an engine's P-V diagram and equals the gas pressure times the area of the piston, integrated over the vertical height the piston moves. The (*) First Law of Thermodynamics compares this quantity, the change in internal energy, and heat. For ten points, name this method of transferring mechanical energy using force, symbolized W.**

ANSWER: **work** (accept mechanical **work**; prompt on "energy" or "mechanical energy" or "kinetic energy"; prompt on "W" until it is read)

Bonus 7) This man was appointed to be a justice of the peace in Washington, D.C on March 3, 1801, making him one of the "Midnight Judges" appointed by John Adams. For ten points each,

[10h] Name this man who sued after his appointment was not honored by Thomas Jefferson's incoming administration.

ANSWER: William **Marbury** (do not accept, do not prompt on, and do not reveal, "Marbury v. Madison")

[10e] Officially, Marbury sued this man, Thomas Jefferson's Secretary of State. This man later succeeded Jefferson as the fourth U.S president.

ANSWER: James **Madison**

[10m] This longest-serving Chief Justice in U.S Supreme Court history issued the ruling in *Marbury v. Madison*. Ironically, this man was John Adams' Secretary of State, meaning he was originally supposed to have delivered Marbury's commission.

ANSWER: John **Marshall**

- 8) **This country is home to Jabal al-Druze, a mountainous region primarily populated by followers of the Druze faith. More than two million Alawites live in this country, where they were disproportionately conscripted in the 2010s by the (*) Ba'ath party to fight Sunni rebels. From 2012 to 2016, a battle for the city of Aleppo was waged by Bashar al-Assad's government forces in, for ten points, what Middle Eastern country whose capital is Damascus?**

ANSWER: **Syria** (accept **Syrian** Arab Republic; accept al-Jumhūriyyah al-ʿArabiyyah as-**Sūriyyah**)

Bonus 8) The destruction of this comet created atmospheric scars much larger than Earth that lasted for months. For ten points each,

[10h] Name this comet that was discovered in 1993, a year before it was destroyed.

ANSWER: Shoemaker-Levy Nine (prompt on "Shoemaker-Levy")

[10e] Shoemaker-Levy Nine had safely orbited this largest planet of our solar system for some time before passing within its Roche limit, breaking it apart and putting the fragments on their final trajectory.

ANSWER: Jupiter

[10m] This largest moon of Jupiter is home to Enki Catena, a hundred mile long chain of craters caused by a similar collision event.

ANSWER: Ganymede

- 9) **This poet asked, "Where are the songs of spring?" in the poem "To Autumn," and wrote another poem about a "Dryad of the trees" who sings "of summer in full-throated ease." This author addressed poems to an (*) "immortal bird" and a "still-unravished bride of quietness," and wrote "beauty is truth, truth beauty" about an ancient artifact. For ten points, name this English Romantic poet who wrote "Ode to a Nightingale" and "Ode on a Grecian Urn."**

ANSWER: John Keats

Bonus 9) A Chicago-based cult named The Seekers believed that one of these things would save them from an apocalypse on the winter solstice in 1954. For ten points each,

[10e] Name or describe these objects whose impending arrival are the subject of a class of cults. In 1997, the Heaven's Gate cult anticipated the arrival of one of these alien objects behind Comet Hale-Bopp.

ANSWER: U·F·Os (accept unidentified flying objects; accept U·A·P; accept unidentified aerial phenomenon; accept spaceships; accept flying saucers; accept clear equivalents of any of those)

[10h] The Seekers were studied by Leon Festinger, who coined this two-word term for the mental stress experienced when holding two conflicting theories at the same time.

ANSWER: cognitive dissonance

[10m] Festinger coined the term "cognitive dissonance" in a 1956 book about The Seekers' U·F·O cult titled *When [this concept] Fails*. Other failed examples of these divinely communicated messages include the end times predictions of the Millerites in the 1840s.

ANSWER: prophecy (accept prophecies; accept When Prophecy Fails; do not accept other terms)

- 10) **Each of these numbers is paired with an associated Mersenne prime according to the Euclid-Euler theorem [yoo-klid "oiler" "theorem"], though that rule would break if an odd one of these numbers were found. The aliquot sum of a number will classify it as abundant, (*) deficient, or this type of number. Twenty-eight is the second-smallest example of these numbers. For ten points, name these numbers that are equal to the sum of their proper divisors, as with six being equal to "one plus two plus three?"**

ANSWER: **perfect** number

Bonus 10) After completing six early symphonies, including the *Tragic* in C minor, this composer started sketches for another half dozen or so that were never fully realized. For ten points each,

[10m] Name this Austrian composer who only played one concert of his own music before dying at age thirty-one in 1828. His most-played piece today is his eighth symphony, understandably titled *Unfinished*.

ANSWER: Franz **Schubert** (accept Franz Peter **Schubert**)

[10e] Schubert's *Unfinished* symphony has this many completed movements, in addition to some pages of another movement. A string quartet typically has this many violins.

ANSWER: **two**

[10h] Schubert also wrote hundreds of lieder, shorter songs typically for piano and voice. This Schubert lieder is a setting of a Goethe [GUR-tuh] poem about a father and son on horseback, riding to a doctor while the son hallucinates the title creature.

ANSWER: Die **Erlkönig** (accept The **Erlking**; accept The **Elf-king**; do not accept or prompt on "elf" alone)

- 11) **This ruler ordered the beheading of his advisor Thomas Cromwell, and was advised by Thomas Wolsey to meet with Francis the First of France at the Field of the Cloth of Gold. After (*) Jane Seymour gave birth to his son, Edward, this man tried to de-legitimize the daughters he had with Catherine of Aragon and Anne Boleyn, who became Queens Mary and Elizabeth the First. For ten points, name this king of England who had two of his six wives beheaded.**

ANSWER: **Henry the Eighth** (prompt on "Henry")

Bonus 11) This solid can be made by drawing one diagonal in each face of a cube, if you pick the right diagonals. For ten points each,

[10e] Name this three-dimensional solid whose faces are four congruent equilateral triangles.

ANSWER: **tetrahedron**

[10m] The tetrahedron is the simplest example from this set of three-dimensional solids that are both convex and regular. There are five of these solids, named for an ancient Greek thinker.

ANSWER: **Platonic** solids (prompt on "Plato")

[10h] A tetrahedron has four faces and four vertices, allowing it to have the self-type of this property. This relationship exists between the cube and the octahedron because the center of each face of a cube can be the vertex of an octahedron, and vice versa.

ANSWER: **duality** (accept **self-duality**)

- 12) **A heteroatom is explicitly anything but hydrogen or this element. In line structure notation, unlabelled line segments intersect at atoms of this element. Modeling kits represent this element as a black sphere with (*) four holes separated by 109.5 degree angles. Sixty atoms of this element can form soccer-ball shaped fullerenes. Hexane and octane respectively have six and eight atoms of this element. For ten points, what element is found in all organic matter?**

ANSWER: **carbon** (accept **C**)

Bonus 12) Give the following about activists who, in 1920, became co-founders of the American Civil Liberties Union for ten points each.

[10m] This disability rights advocate and staunch socialist from Alabama lost her sight and hearing before age two, then was taught to speak and write by Anne Sullivan.

ANSWER: Helen **Keller** (accept Helen Adams **Keller**)

[10h] This reformer worked with Ellen Gates Starr at Hull House, a settlement house in Chicago that aided local women. In 1931, she became the first American woman to win the Nobel Peace Prize.

ANSWER: Jane **Addams**

[10e] A·C·L·U co-founder Felix Frankfurter was controversially named to this body in 1939, replacing the late Benjamin Cardozo. Frankfurter's appointment to this group created a precedent in which potential new members were summoned to testify by the Senate Judiciary Committee.

ANSWER: **Supreme Court** of the United States (accept **SCOTUS**)

- 13) **This artist sings about an "unforgettable dance" on one song from an album whose title track complements a beautiful sunrise. This artist appeared during Super Bowl Fifty-Four for his feature on Cardi B's song "I Like It," and he mocked Fox News on (*) SNL's season fifty-one premiere for their backlash against him. "BAILE INOLVIDABLE" [BAH-ee-lay ee-noh-vee-DAH-blai] and "D·t·M·F" are songs by, for ten points, what Puerto Rican rapper who will headline Super Bowl Sixty's halftime show?**

ANSWER: **Bad Bunny** (accept either underlined name of Benito Antonio **Martínez Ocasio**)

Bonus 13) In this analytical technique, an energy difference caused by the Zeeman effect is precisely tuned to a continuous signal of radio waves. For ten points each,

[10h] Magnetic resonance imaging is an application of what physical technique that generates peaks from every atom in a molecule at a predictable chemical shift?

ANSWER: **N·M·R** (accept **nuclear magnetic resonance**)

[10e] On the complete other end of the E·M spectrum, nuclei will absorb and instantly emit this type of very high energy radiation in the Mossbauer effect.

ANSWER: **gamma** rays (accept **gamma** radiation)

[10m] The frequency of gamma rays used in Mossbauer spectroscopy are tuned precisely using this effect, which is the observed small change in frequency when a radiation source moves relative to the receiver.

ANSWER: **Doppler** effect

- 14) **An old woman in this novel quotes Hugh Latimer's final words before self-immolating. In this novel, Millie is horrified to hear about the "little-endians" in *Gulliver's Travels*, but doesn't show emotion when telling her husband about the death of (*) Clarisse McClellan. Captain Beatty sends a Mechanical Hound after this novel's protagonist when his wife turns him in for owning books. For ten points, name this Ray Bradbury novel about the fireman Guy Montag.**

ANSWER: **Fahrenheit 451**

Bonus 14) The final defeat for this military unit came alongside Athenian and Corinthian hoplites at the Battle of Chaeronea [kay-roh-NEE-uh] in 338 B.C.E. For ten points each,

[10h] Name this military unit that consisted of one hundred fifty couples. This group was led by Pelopidas at the 371 B.C.E Battle of Leuctra.

ANSWER: Sacred Band

[10m] The Sacred Band fought for this Greek city-state's army, which defeated the Spartans at Leuctra.

ANSWER: Thebes (accept Thêbai)

[10e] Thebes and Athens were allied at Chaeronea against Macedon, which was then ruled by Philip the Second, the father of this "Great" Macedonian king.

ANSWER: Alexander the Great (accept Alexander the Third)

- 15) **This opera borrows a theme from a keyboard concerto by Salieri for the pan-pipe playing Papageno [papa-ghee-no], who ultimately falls in love in a stuttering duet near this opera's end. Several high Fs are sung by the (*) Queen of the Night in this opera, which premiered in Vienna two months before its composer died. For ten points, name this final opera by Mozart in which Tamino survives dangerous sorcery by using the title musical instrument.**

ANSWER: The Magic Flute (accept Die Zauberflöte)

Bonus 15) The Five Pillars of Islam include Sawm, or fasting during Ramadan, and Zakat, or the giving of alms to the poor. For ten points each,

[10e] Name this action that makes up the pillar of Salah. This action should be performed five times daily, and includes recitations from the Quran and speaking to Allah.

ANSWER: pray (accept word forms like prayer or praying)

[10m] Another pillar is the requirement that all Muslims who are physically and financially able must perform this pilgrimage at least once in their life.

ANSWER: hajj (prompt on descriptions of "pilgrimage to Mecca" or "pilgrimage to Makkah")

[10h] The remaining pillar is this one, the central statement of faith in Islam. This statement identifies Allah as the true god and Muhammad as his prophet.

ANSWER: Shahada

- 16) **This book's early chapters discuss "Sense," "Imagination," and a "Trayne of Imaginations" now known as a train of thought. This book warns that a "war of every one against (*) every one" is the inevitable "state of nature," because without a political community holding society together, life is "solitary, poor, nasty, brutish, and short." An early argument for a social contract is made by, for ten points, what 1651 book named for a Biblical monster and written by Thomas Hobbes?**

ANSWER: Leviathan (accept Leviathan or The Matter, Forme and Power of a Commonwealth Ecclesiasticall and Civil)

Bonus 16) Answer the following about reasons the Nobel Prize in Literature has been criticized for forgetting the existence of writers outside of Europe or, more specifically, writers outside of Sweden, for ten points each.

[10h] Swedish writers have more Nobels in Literature than do all writers from Asia combined. The most recent Asian laureate is this South Korean author of *The Vegetarian*, who won in 2024.

ANSWER: Han Kang (accept Kang Han)

[10m] It took more than eighty years before the committee recognized any writer from Africa. Wole Soyinka, an author from this country, received the first Literature Nobel given to an African author in 1986.

ANSWER: Nigeria (accept Federal Republic of Nigeria)

[10e] Although Sweden is over-represented among Literature Nobel laureates, the most awards have been given to authors from this European country, the home of Albert Camus [al-BAYR kah-MOO] and Jean-Paul Sartre [zhon-pahl SART-ruh].

ANSWER: France (accept French Republic; accept La France; accept République française)

- 17) **This location receives meat from the boar Sæhrímnir [sigh-rim-nir], water from the stag Eikþyrnir ["eye"k-theer-neer], and mead from the goat Heiðrún ["high"-throon]. This location, which has five hundred forty doors, contains a tree with golden-red leaves and a ceiling built with golden (*) shields. Half the souls that die in battle are carried to Folk-vang-r, and valkyries guide the other half to this location. Odin rules over, for ten points, what Norse mead hall, an afterlife for fallen warriors?**

ANSWER: Valhalla (prompt on "Asgard")

Bonus 17) One work of this type features the creation of the world on its exterior, appearing when the work is closed. For ten points each,

[10m] Name these three-panel painted works, commonly used as altarpieces.

ANSWER: trptychs (prompt on "poly·ptych")

[10h] The Earth's creation appears outside this Hieronymus Bosch triptych. Its bleak third panel depicting hell opposes the central panel's lively plant and animal life.

ANSWER: The Garden of Earthly Delights (accept De tuin der lusten)

[10e] The first panel of *The Garden of Earthly Delights* features Christ between this biblical couple before their expulsion from the Garden of Eden.

ANSWER: Adam and Eve (both parts required; accept in either order; prompt on a partial answer; do not accept or prompt on any answer in which either part is paired with a different person)

- 18) **During a health crisis in this city, Bush Hill was seized and converted into a hospital, and a letter signed "Anthony Benezet" inaccurately claimed that African-Americans were naturally immune. Doctor Benjamin (*) Rush worked in this city, where ten percent of the population died in a 1793 outbreak of yellow fever. Independence Hall hosted the Continental Congress in, for ten points, what former U·S national capital, the largest city in Pennsylvania?**

ANSWER: Philadelphia

Bonus 18) This author pioneered the genre of historical fiction with his novel *Waverley*, and followed it with a series of historical fiction known as the "Waverly Novels." For ten points each,

[10h] Name this author who wrote about Richard the First going on crusade in his novel *The Talisman*.

ANSWER: Sir Walter Scott

[10m] In this novel by Sir Walter Scott, Richard the First disguises himself as the Black Knight and clears the way for the title knight to defeat the Templar Bois-Gilbert and marry Lady Rowena.

ANSWER: Ivanhoe

[10e] *Ivanhoe* is a later one of Scott's Waverly Novels. This is the setting of his earlier Waverly Novels, and was also his home country. It is now governed from Edinburgh as part of the United Kingdom.

ANSWER: Scotland (accept Alba)

- 19) **The theory of seafloor spreading was tested via the Vine-Matthews-Morley hypothesis, which sought evidence of changes in this entity in the new seafloor. This entity's strength varies around roughly fifty microteslas. Homing pigeons (*) navigate by detecting this entity, which dynamo theory suggests comes from the electricity generated by motion in the Earth's core. For ten points, name this field that causes a compass on Earth to point north.**

ANSWER: Earth's **magnetic field** (accept the ge**magnetic field**; accept **magnetic** alone after "field" is read in the last sentence)

Bonus 19) Each of these units corresponds exactly with a county of New York state; for example, Staten Island is the same land as Richmond County. For ten points each,

[10m] Give this term for the five separate districts of New York City.

ANSWER: **borough**

[10e] New York County occupies the entirety of this most densely populated borough of New York. This borough includes Central Park and the Empire State Building on an island between the Hudson and East Rivers.

ANSWER: **Manhattan** Island

[10h] Brooklyn covers this county, southwest of Queens on the tip of Long Island. This county is the ninth most-populous county in America, just ahead of the home county of Seattle, Washington, which almost shares its name. You can give either name.

ANSWER: **Kings** County (accept **King** County)

Note: Brooklyn is Kings County, Seattle is King County.

- 20) **A writer from this country included "The Conquest and Colonialism" in an essay collection about its culture. In a novel from this country, the title tycoon refuses to reveal the location of his will. *The Labyrinth of Solitude* and *The Death of (*) Artemio Cruz* are by authors from this country, one of whom wrote the poem "Sunstone," based on the calendar of the Aztecs. For ten points, name this North American country home to the authors Carlos Fuentes and Octavio Paz.**

ANSWER: **Mexico** (accept United **Mexican States**; accept Estados Unidos **Mexicanos**)

Bonus 20) Pharmacologists are desperate to use AI to discover new cheap classes of these drugs, which are otherwise quite unprofitable to discover at scale. For ten points each,

[10e] Penicillin was in the first generation of what type of drugs that killed bacteria - at least, until they all developed resistance to them?

ANSWER: **antibiotic** (accept **antimicrobials**)

[10m] Penicillin was discovered in 1928 by Alexander Fleming in one of these relatively cheap plastic containers. Biological samples are cultured in these shallow dishes, which are named for a German scientist.

ANSWER: **Petri** dish

[10h] Ideally, machine learning will discover new antibiotics to counter this hospital-acquired infectious Staph strain. This type of bacteria is named for its resistance to a common penicillin.

ANSWER: **MRSA** [MUR-sah] (accept **methicillin-resistant Staphylococcus aureus**)