

# 2022 SHOW-ME

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## Packet 8

1. **Starting in this decade, Mary McLeod Bethune headed the “Black Cabinet.” Josephine Roche and Molly Dewson worked closely with a first lady in this decade who founded Andersonville, West Virginia. She-She-She Camps were established in this decade by the first woman in a presidential cabinet, Frances Perkins. Women filled positions in the newly founded (\*) Civil Works Administration and Works Progress Administration in this decade. The Farm Security Administration hired Dorothea Lange to photograph the Dust Bowl in this decade. For 10 points, in what decade were New Deal programs created to address the Great Depression?**

ANSWER: **1930s** [prompt on the **30s**]

<American History – Ganon Evans> [Ed. Louis Li]

1. Answer the following about minuets, for 10 points each:

[M] Minuets are dances in this time signature also used for waltzes and scherzos.

ANSWER: **three-four** time [or **triple** time; or **triple** meter; reject “three-fourths”]

[H] The Celebrated Minuet from this composer’s *String Quintet in E major* is often performed separately at weddings. While in the court of the Infante Luis, this Italian composed *Night Music of the Streets of Madrid*.

ANSWER: Luigi **Boccherini**

[E] A brief minuet appears in this string serenade in G Major by Mozart that opens with a Mannheim Rocket. This serenade’s name translates to “a little night music.”

ANSWER: **Eine Kleine Nachtmusik** [or *Serenade No. 13 in G Major*]

<Auditory Fine Arts — Ganon Evans> [Ed.]

2. **A brand of these products is named “Florence” after the great-grandmother of the creator, who is nicknamed “Mills.” A type of this product named “Kind Words” comes in varieties like Creative and Humble. Etude House, Kaja, and 3CE are Korean brands of these products. Types of these products like (\*) bronzer can come in cream and liquid types. One might use a primer before using these products. “Pro Filt’R” is one of these products known for coming in over 50 different shades, and is created by Fenty. For 10 points, name these products exemplified by Rihanna’s iconic red “Stunna Lip Paint.”**

ANSWER: **makeup** products [or **beauty** products; accept **lipstick** or **foundation**; prompt on **skincare** for the first and third lines only by asking “what other products does the brand create?”]

<Other — Joy An> [Ed. Ganon Evans]

2. In the 1990s Yale doctors discovered a car crash survivor that had a rare trait in which this quantity was greatly increased. For 10 points each:

[H] Name this quantity measured by a DEXA scan. It can be lowered by the overproduction of parathyroid hormone.

ANSWER: **bone density** [or **bone mineral density**]

[E] A low value for bone density characterizes this disease, in which bones become weak and brittle over time. It is most common in elderly women.

ANSWER: **osteoporosis** [accept **osteopenia**]

[M] In this other disease, the bones of children become weak and bowed due to a deficiency in vitamin D.

ANSWER: **rickets**

<Biology — June Yin> [Ed.]

3. **This book’s “Songs of Ascent” were recited when pilgrims celebrated Shalosh Regalim. The first chapter of this book compares the wicked to “chaff / that the wind blows away.” Seven sections of this book are 22-line acrostics with each stanza beginning with a letter of the Hebrew alphabet. This book, also called the Tehillim, contains the longest (\*) chapter of the Bible. A rod and staff comfort the speaker of one of its chapters as he “walks through the valley of the shadow of death.” For 10 points, name this Old Testament collection of poems attributed to King David whose 23rd chapter reads “the Lord is my Shepherd, I shall not want.”**

ANSWER: Book of **Psalms** [accept **Tehillim** before “Tehillim”; prompt on the **Bible** before “Bible”]

<Religion — Vik Wei> [Ed. Ganon Evans]

3. An author from this country wrote about Francisco Furcal, who creates a mathematical formula that can subtract grief from people, in the story “What It Means When a Man Falls from the Sky.” For 10 points each:

[H] Name this home country of Lesley Nneka Arimah. Another author wrote about Akunna immigrating from this country to America in “The Thing Around Your Neck.”

ANSWER: **Nigeria** [or Federal Republic of **Nigeria**]

[M] Chimamanda Adichie’s [chee-mah-MAN-duh uh-DEE-chee’s] collection *The Thing Around Your Neck* concludes with “The Headstrong Historian,” which extends the plot of this novel. The protagonist of this novel shoots Ikemefuna [EE-kay-may-FOO-nah] and is exiled from the village of Umuofia [oo-moo-OH-fee-ah].

ANSWER: ***Things Fall Apart***

[E] This Nigerian author wrote *Things Fall Apart*.

ANSWER: Chinua **Achebe** [CHIN-wah uh-CHAY-bay]

<Mixed Literature — Rachel Ezrielev> [Ed. Joel Miles]

4. **A character in this novel chooses to receive 72,000 beatings rather than have his brains blown out with a musket. This novel’s protagonist meets an art collector who hates everything he owns named Count Pococurante. A man in this novel claims a bay was created so Jacques the Anabaptist could drown in it. This novel’s protagonist departs from (\*) El Dorado with 100 magical red sheep along with his valet Cacambo. After being kicked out of Baron Thunder-ten-Tronckh’s castle, this novel’s title character searches for his lover Cunegonde. For 10 points, Dr. Pangloss preaches Leibnizian [LAIB-nits-ian] optimism in what satirical novel by Voltaire?**

ANSWER: ***Candide***

<Long Fiction — Tanay Bodducherla> [Ed. Joel Miles]

4. The transgender scientist Alan Hart discovered that x-rays could be used to detect this disease. For 10 points each:  
[E] Name this “White Death” which spread rapidly from horse carcasses and human waste on American city streets in the late 1800s. This lung disease was once called consumption.

ANSWER: **tuberculosis** [or **TB**]

[M] The belief in an “open air” cure for TB led American builders to add windows and these features to structures. William McKinley rarely traveled outside of Ohio during an 1896 campaign strategy named for these features.

ANSWER: **porches** [or front **porches**; accept front **porch** campaigns]

[H] This modern-day state was nicknamed the “World’s Sanitarium” since one-third of its residents were tuberculosis victims. The Fifty-Niners settled this state where the Ludlow Massacre of coal miners occurred.

ANSWER: **Colorado** [accept **CO**]

<American History — Ganon Evans> [Ed. Louis Li]

5. **This quantity can be calculated from a system’s HOMO using Koopman’s theorem. The tendency of silver to violate the Aufbau principle leads to relatively low values of this quantity. Repulsion between two p-orbital electrons causes this quantity to be lower in oxygen than nitrogen. In the Bohr model, this quantity equals nuclear (\*) charge squared times 13.6 electron volts. Mulliken electronegativity can be found by taking the average of this quantity and electron affinity.** For 10 points, name this quantity which is the energy required to remove a loosely-bound electron from an atom.

ANSWER: (first) **ionization energy** [accept (first) **ionization** after “energy”]

<Chemistry — Yash Mandavia> [Ed. June Yin]

5. A “boat graveyard” near Boulder City emerged due to this lake’s decline in water levels in August 2022. For 10 points each:

[M] Name this largest reservoir in the U.S. The town of St. Thomas was submerged when this lake was created through a public project in 1938.

ANSWER: Lake **Mead**

[E] Lake Mead was formed by this river after the construction of the Hoover Dam.

ANSWER: **Colorado** River

[H] This other lake formed by the Colorado River is in Glen Canyon and is shared between Utah and Arizona. The completely natural Rainbow Bridge is near this lake, whose namesake led two expeditions into the Grand Canyon.

ANSWER: Lake **Powell**

<Geography — Andrew Gao> [Ed. Ganon Evans]

6. **A figure from this country's folklore ventures to an island of ogres with a dog, monkey, and pheasant, and was born from a peach floating down a river. This country’s food god is served by foxes whose tails grow longer with wisdom. A deity from this country defeats a drunk serpent who had eaten seven of an elderly couple’s eight daughters, after which he receives a (\*) grass-cutting sword. This country’s storm deity threw a flayed horse at a loom, causing his sister to hide in a cave until she was lured out by her own reflection.** For 10 points, kami like Susano’o and Amaterasu are venerated in what country’s Shinto faith?

ANSWER: **Japan** [or **Nihon-koku**; or **Nippon-koku**]

<Mythology — Aatreya Bhattacharyya> [Ed. Ganon Evans]

6. A frequently referenced scene in this film depicts a baby carriage rolling down the Odessa Steps. For 10 points each:

[M] Name this film by Sergei Eisenstein that dramatizes a 1905 mutiny of Russian sailors.

ANSWER: ***Battleship Potemkin*** [puh-TEM-kin]

[E] *Battleship Potemkin* is a black-and-white example of this kind of film. *The Jazz Singer* ushered in “talkies,” replacing these films that used title cards to display dialogue.

ANSWER: **silent** films

[H] The Odessa Steps scene is an example of this technique, the subject of the Kuleshov effect. Dziga Vertov’s Kino-Eye was an alternative to this technique that combines shots into one sequence with things like jump cuts.

ANSWER: **montage** [MAHN-tahj] [accept Soviet **montage** theory]

<Other Fine Arts — June Yin> [Ed. Ganon Evans]

7. **Music in this genre was first created by *davuls* and *zurnas* in groups called *Mehters*. Pieces in this genre typically end with a repeating last note on a downbeat and call the main melody the “first strain.” A “dogfight” section follows the trio in pieces in this genre, one of which features trombones playing a countermelody to a (\*) piccolo obligato.** “The Washington Post” and “Semper Fidelis” are two pieces in this genre. The tune “Land of Hope and Glory” appears in a set of pieces in this genre by Edward Elgar. John Phillip Sousa was the “King of,” for 10 points, what musical genre played by walking military bands?

ANSWER: **marches** [accept military **marches**; accept The **March** King; accept Pomp and Circumstance **Marches**]

<Auditory Fine Arts — Joy An> [Ed. Ganon Evans]

7. Members of this philosophical school believed that looking at a fish during conception would lead to fish-like children, a theory called ideoplasty. For 10 points each:

[H] Plotinus [plaw-TYE-nuss] was a member of what ancient Greek school that reinterpreted the author of the *Timaeus* [tai-MEE-uss]?

ANSWER: **Neoplatonism** [accept word forms like **Neoplatonist**; prompt on **Platonism**]

[M] This philosopher’s pioneering work on biology includes the idea that the brain’s primary function is to keep the heart from overheating. In his *Physics*, this thinker described the four causes.

ANSWER: **Aristotle** of Stagira [or **Aristoteles**]

[E] This Greek physician is known as the “Father of Medicine,” but believed in incorrect anatomical theories such as humorism. This physician is also the namesake of an ethical oath taken by modern doctors.

ANSWER: **Hippocrates** of Kos [accept **Hippocratic** oath]

<Philosophy — Joel Miles> [Ed.]

8. **Some members of this phylum attach to surfaces using byssal [BISS-ul] threads, which have inspired waterproof surgical glues. The longest-lived animal recorded was in this phylum and belonged to a burrowing “quahog” [KOH-hog] species. A member of this phylum with up to 200 simple eyes uses its powerful adductor muscle to expel (\*) jets of water. Another member of this phylum that uses jet propulsion is the chambered nautilus, whose skeleton is shaped like a logarithmic spiral. Two classes in this phylum are bivalves [BY-valves] and cephalopods.** For 10 points, name this animal phylum that includes scallops, clams, and octopuses.

ANSWER: **mollusks** or **Mollusca** (A clam named Ming or Hafrún was found to be 507 years old.)

<Biology — June Yin> [Ed.]

8. This ruler once claimed that if she could not tame a horse with a whip, she would bludgeon its head with a hammer, and if it disobeyed further, she would cut its throat with a dagger. For 10 points each:

[H] Name this only legitimate female emperor of China, who interrupted the Tang dynasty to found a revived Zhou [“joe”] dynasty.

ANSWER: **Wu Zetian** [accept **Empress Wu**; or **Wu Hou**; or **Wu Zhao**]

[E] In order to legitimize her power, Wu Zetian claimed to be a reincarnated bodhisattva from this religion’s Great Cloud Sutra text. This religion’s monasteries flourished during the Tang dynasty.

ANSWER: **Buddhism** [accept word forms such as **Buddhist** monasteries]

[M] During her reign, Wu Zetian expanded this system for selecting government officials by merit in order to decrease the influence of the aristocracy in the government, opening the court to more commoners.

ANSWER: **civil service examinations** [accept **imperial exam**; accept **keju**]

<World History — Gigi Chen> [Ed. Louis Li]

9. **This country was organized into communes called opštine under a system called “workers’ self-management.” This country’s Informbiro period followed World War II, during which the royalist Chetnik movement and the fascist Ustaše [oo-stah-sha] operated. A leader of this country who threatened “If you don’t stop sending killers, I’ll send one to Moscow” was the only European signee at the Bandung Conference for the (\*) Non-Aligned Movement. This country fell apart when Slobodan Milošević [mil-OH-suh-VICH] rejected self-determination for Slovenes and Croats in the 1990s. Josip Broz Tito was the Cold War leader of, for 10 points, what former Balkan country?**

ANSWER: **Yugoslavia** [accept Kingdom of **Yugoslavia**; or Socialist Federal Republic of **Yugoslavia**; or Federal People’s Republic of **Yugoslavia**; accept **Yugoslav Wars**]

<European History — Gannon Evans> [Ed.]

9. This character is compared to a singing skylark and a rummaging squirrel before being called “a little bird [that’s] always spending [its] money... a spendthrift.” For 10 points each:

[M] Name this character in a Henrik Ibsen play who forges her father’s signature after he dies, which Krogstad later uses to blackmail her.

ANSWER: **Nora** Helmer [prompt on **Helmer**]

[E] At the end of the play in which she appears, Nora claims that she has been living like a “frail and fragile” one of these toys, a “House” for which titles the play.

ANSWER: **dolls** [accept *A Doll’s House*]

[H] It’s not playing an instrument, but Nora distracts her husband Torvald from reading a letter from Krogstad by doing this specific action. Torvald cries out “not so violent” as Nora performs this action with “increasing wildness.”

ANSWER: dancing the **tarantella** [prompt on **dance** or **dancing**]

<Drama — Joy An> [Ed. Joel Miles]

10. **In one story, this author wrote of a man who finds Deacon Peabody’s name written on a tree near a late captain’s treasure, and makes a deal to become a usurer. In another story by this author, a man passes by a lightning-struck tulip tree on a horse named Gunpowder. The main character of a story by this author claims to be a loyal servant of George III after an election. (\*) Katrina Van Tassel rejects this author’s character Ichabod Crane. One of this author’s characters meets the ghosts of Henry Hudson’s crew before falling asleep for twenty years. For 10 points, name this early American author of “The Legend of Sleepy Hollow” and “Rip Van Winkle.”**

ANSWER: Washington **Irving** (The first line is from “The Devil and Tom Walker.”)

<Mixed Literature — Connor Lee> [Ed. Joel Miles]

10. For 10 points each, name these logic gates that can be constructed in *Minecraft*:

[M] Directing two wires of redstone dust into one output wire forms this type of gate that outputs “true” any time at least one of the inputs are true.

ANSWER: **OR** gate

[E] Three redstone torches connected by redstone dust are used to create this type of gate, which outputs “true” whenever *both* of the inputs are “true.”

ANSWER: **AND** gate

[H] By combining XOR, AND, and OR gates on adjacent blocks, it is possible to build both “full” and “half” examples of this circuit component that outputs the sum of two binary digits.

ANSWER: **adder** [accept full **adder** or half **adder**]

<Computer Science — June Yin> [Ed. Jason Xu]

11. **A theorem stating that non-triangle polygons must have at least this number of ears is equivalent to the existence of polygon triangulations. Any object that is homeomorphic to a sphere has an Euler characteristic of this number. In other words, for any convex polyhedron, the number of vertices minus the number of edges plus the number of faces is this number. The square root of this number is the (\*) hypotenuse of a right triangle whose legs are both 1. Pi times the radius times this number gives the circumference of a circle.** For 10 points, how many points are needed to define a line?

ANSWER: **two**

<Math — Joy An> [Ed.]

11. Answer the following about diets and cuisine in Medieval Europe. For 10 points each:

[E] Grain-based diets poor in iron and loss of iron through menstruation made medieval women more susceptible to disease, like this 14th-century epidemic that killed over one-third of Europe’s population.

ANSWER: **Black Death** [or **Black Plague**; or **bubonic plague**; or the **Great Mortality**; prompt on the plague; prompt on the pestilence]

[M] Crop production increased as moldboard plows and horses were adopted alongside the “three-field” method of this farming technique in which different seasonal crops are grown over multiple fields to prevent overuse.

ANSWER: **crop rotation**

[H] Followers of this saint would often break a rule prohibiting the consumption of “four-legged animals” in a room called the misericord [mih-ZER-ih-cord]. The adage “pray work” summarizes this saint from Nursia’s monastic rules followed by the Black Monks.

ANSWER: St. **Benedict** of Nursia [or **Benedictus** Nursiae; or **Benedetto** da Norcia; accept **Benedictine** Rules]

<European History - Ganon Evans> [Ed. Louis Li]

12. **This country’s planned administrative capital will contain a military complex called the Octagon. Jumel’s Cotton was historically grown in this country, which contains the oldest known Christ Pantocrator icon at its St. Catherine’s Monastery. This country disputes its southern neighbor’s Hala’ib Triangle, claiming the other country owns Bir Tawil instead. Nuclear bombs have been proposed as a way of turning its (\*) Qattara Depression into a lake. A statue at Abu Simbel was nearly submerged by this country’s Aswan High Dam, which created Lake Nasser.** For 10 points, name this African country that controls the Suez Canal and the Sinai Peninsula.

ANSWER: **Egypt** [or Arab Republic of **Egypt** or Jumhuriyat **Misr** al-Arabiyah]

<Geography — Connor Lee> [Ed. Ganon Evans]

12. An egg-like stone representing “perfect beauty” appears in a sculpture titled for “The Beginning of the [this thing].” For 10 points each:

[E] It’s not the sky, but in a sculpture outside Rockefeller Center, a bronze Atlas supports what object on his back?

ANSWER: **world** [accept the **globe**; accept **Earth**; accept The Beginning of the **World**]

[M] *The Beginning of the World* is a sculpture by this Romanian artist, who designed a monument for World War I soldiers called *Endless Column*. A series by this artist consists of sixteen slim pieces of marble and bronze.

ANSWER: Constantin **Brâncuși** [brin-KOOSH]

[H] This supporter of Brâncuși owned the *Bird in Space* series when it was seized by customs officials. This photo-secessionist took the photo *The Pond—Moonlight* and founded the 291 gallery with Alfred Stieglitz.

ANSWER: Edward **Steichen**

<Visual Fine Arts — Joel Miles> [Ed. Gabe Forrest]

13. **This empire’s capital was built in the shape of a puma with mortarless stone so that the interlocked bricks could shake in place during earthquakes. The modern-day Minka system evolved from an annual tribute of labor in this empire called the mit’a. This empire’s “Sacred Valley” was home to terrace farms called andén. Runners called chasqui carried collections of corded knots called (\*) quipu as messages throughout this empire. Pachacuti constructed a mountain city in this empire that was abandoned after its last ruler, Atahualpa, was murdered by Francisco Pizarro. For 10 points, name this South American empire that constructed Machu Picchu.**

ANSWER: **Incan** Empire [accept **Tawantinsuyu**]

<World History — Ganon Evans> [Ed. Louis Li]

13. You watch a hexagonal pencil roll down a ramp. For 10 points each:

[M] When an edge of the pencil hits the ramp, angular momentum is conserved because this quantity about the contact point equals zero. This value measured in newton-meters equals force crossed with radius.

ANSWER: **torque** [tork]

[H] The pencil’s total angular momentum equals the orbital angular momentum added to this other type of angular momentum. Its namesake quantum number is maximized by Hund’s rule.

ANSWER: **spin** angular momentum [accept **spin** quantum number]

[E] If the incline exceeds a certain angle, the pencil will roll down forever, reaching a constant velocity known by this word. A falling object subject to air resistance achieves this type of constant velocity.

ANSWER: **terminal** velocity [prompt on **final** velocity]

(This question was inspired by the 1998 International Physics Olympiad.)

<Physics — Vincent Wang> [Ed. June Yin]

14. **David Jaffe may have exacerbated chaos in this event by telling a person to be “tough” and “participate.” Fire extinguishers were sprayed at people during this event by a participant acting like Cool Hand Luke. After six days, Christina Maslach helped stop this event. *The (\*) Lucifer Effect* chronicled findings from this event and compared them to a similar one in Abu Ghraib. Wooden clubs and shaded glass were given to half of the participants in this experiment, while the others wore numbered smocks. For 10 points, name this experiment led by Philip Zimbardo in which unethical “guards” punished “criminals” at a namesake California university.**

ANSWER: **Stanford Prison** experiment

<Social Science — Andrew Gao> [Ed. Ganon Evans]

14. In a poem about this city, the narrator commands “Bring me my Spear: O clouds unfold! Bring me my Chariot of fire!” For 10 points each:

[H] Name this city. A poem asks if “[this city was] builded here, among these dark satanic mills?” and begins with the line “and did those feet in ancient time.”

ANSWER: **Jerusalem**

[M] This other poem by the same author describes “when the stars threw down their spears and water’d heaven with their tears” and asks the title animal “what the hammer? what the chain, in what furnace was thy brain?”

ANSWER: “The **Tyger**”

[E] “And did those feet in ancient time” and “The Tyger” are by this English poet who wrote *Songs of Experience* and “London.”

ANSWER: William **Blake**

<Poetry — Joy An> [Ed. Joel Miles]

15. A sketch by this artist features on the album cover for Drake’s mixtape “If You’re Reading This It’s Too Late” and depicts praying hands. This painter of a photorealistic *Young Hare* depicted a dog sleeping below a polyhedron in an artwork of a pensive angel surrounded by carpentry tools. A lion sleeps below St. (\*) Jerome writing in his workshop in a work by this artist of *Melencolia I* [“one”]. A goat-headed man holding a halberd and a rotting corpse with an hourglass harass a horseman in one of this artist’s “master prints.” For 10 points, name this German artist whose woodblock prints include *Knight, Death, and the Devil*.

ANSWER: Albrecht **Dürer**

<Visual Fine Arts — Danny Peelen> [Ed. Gabe Forrest]

15. In September, it was announced that soldiers who likely shot a member of this profession near the Jenin Camp would not be charged. For 10 points each:

[H] Name this profession of Shireen Abu Akleh. An office in the Gaza Strip for people with this job was destroyed by an airstrike in May 2021.

ANSWER: **journalism** [accept word forms such as **journalists**; accept **writing**; or **reporting**]

[M] Akleh was a journalist for this largest newscaster in the Arabic world. The closure of this state-affiliated news station was a demand during the 2017 embargos of Qatar.

ANSWER: **Al Jazeera**

[E] This country built the West Bank Wall and has performed airstrikes over the Gaza Strip. Donald Trump controversially moved the U.S. embassy in this country from Tel Aviv to Jerusalem.

ANSWER: **Israel** [or State of **Israel** or Medinat **Yisra’el**]

<Current Events—Connor Lee> [Ed.]

16. A poem by this author begins by stating that he is a “lonesome man in Kansas.” In addition to the “Wichita Vortex Sutra,” this author asked “Who killed the pork chops?” while describing a poet who is “poking among the meats” as a “childless, lonely old grubber.” A poem by this author mentions “angel-headed hipsters” and Carl Solomon, who lives in a hospital called (\*) Rockland. This poet imagines encountering Walt Whitman shopping in his poem “A Supermarket in California.” A poem by this author begins “I saw the best minds of my generation destroyed by madness.” For 10 points, name this Beat poet of “Howl.”

ANSWER: Allen **Ginsberg**

<Poetry — Danny Peelen> [Ed. Ganon Evans]



16. Answer the following about molecular properties of water, for 10 points each:

[M] Because the central oxygen atom has two lone pairs and is bonded to two hydrogen atoms, a water molecule has this VSEPR [vesper] geometry with a bond angle of 104.5 degrees.

ANSWER: **bent** geometry

[H] Water exhibits hydrogen bonding, a type of dipole-dipole interaction, because two ends of the molecule have opposite values for this property denoted by a lowercase delta.

ANSWER: **partial charge** [prompt on electric charge; reject “formal charge”]

[E] Due to its hydrogen bonds, water has a high value of 100 degrees Celsius for this quantity at which vapor pressure equals atmospheric pressure.

ANSWER: **boiling point** [or **condensation point**]

<Chemistry — June Yin> [Ed.]

17. **A woman with this surname was protected by khaki-wearing bodyguards called her “United Football Club” and burned gasoline-filled tires around police informants’ necks. A man with this surname posed as David Motsamayi at Liliesleaf Farm while covertly operating the Spear of the Nation. Winnie Madikizela married a man with this surname who delivered the (\*) “I am prepared to die” speech at the Rivonia Trial before spending 27 years on Robben Island. A leader with this surname compromised with F. W. de Klerk to bring the African National Congress to power. For 10 points, give this surname of South Africa's first Black president, Nelson.**

ANSWER: **Mandela** [accept Nelson **Mandela**; accept Winnie Madikizela-**Mandela**; prompt on Madikizela with “What is her married surname?”]

<World History — Ganon Evans> [Ed. Louis Li]

17. The advocacy group “Women of [this location]” established Robinson’s Arch as a mixed-gender prayer space in 2016, but was shut down. For 10 points each:

[M] Name this location in Jerusalem, the last remaining part of the original Second Temple. Jews slip messages to God between the crevices of this location.

ANSWER: **Western Wall** [or the **Wailing Wall**; or the **Buraq Wall**; or the **Kotel**; or the **Kosel**; prompt on the Wall; prompt on Women of the Wall]

[E] The Temple Mount today is home to the Dome of the Rock, which marks where Muhammad rose to heaven and where this prophet nearly sacrificed his son Isaac. His God is worshipped in Judaism, Islam, and Christianity.

ANSWER: **Abraham** [or **Abram**; or **Ibrahim**; or **Avram**; accept **Abrahamic** religions]

[H] The Dome of the Rock and nearby Al-Aqsa Mosque mark destinations from the Isra’ and Mir’aj, the two components of this event in which Muhammad rode Buraq to Jerusalem and ascended to heaven.

ANSWER: **Night Journey**

<Religion — Ganon Evans> [Ed.]

18. **This novel’s protagonist meets a character “In a place where there is no darkness” who helps finish a rhyme beginning “Oranges and lemons, say the bells of St Clement's.” In this novel, the protagonist hears the phrase “I sold you and you sold me” while at the Chestnut Tree Cafe. Two characters in this novel have an affair in the room above (\*) Mr. Charrington’s shop. A Chess Committee roster in this novel implies that Syme became an “unperson” while writing a Newspeak Dictionary. This novel’s protagonist betrays Julia while being tortured in Room 101. For 10 points, Winston questions Big Brother in what dystopian George Orwell novel?**

ANSWER: ***Nineteen Eighty-Four***

<Long Fiction — Connor Lee> [Ed. Joel Miles]

18. Ahead of a disastrous June 2022 rerelease, an actor recorded himself being caught with a script with this phrase as its subtitle. For 10 points each:

[M] Give this three-word phrase based on a similar quote when the Power Rangers transform. Jared Leto does not actually say this phrase as he turns into a “living vampire” in an awful 2022 movie.

ANSWER: “**It’s Morbin’ Time**”

[E] Morbius is a rival of Blade and this web-slinging superhero. Tom Holland plays this character in the Marvel Cinematic Universe.

ANSWER: **Spiderman** [or Peter **Parker**]

[H] A delightfully horrible scene in *Morbius* depicts this actor doing push-ups and dancing shirtless. This actor stars as Daemon Targaryen in *House of the Dragon* and succeeded David Tennant as the 11th iteration of Doctor Who.

ANSWER: Matt **Smith**

<Popular Culture — Ganon Evans> [Ed.]

19. **This musician’s track “India” features a tanpura playing beneath Eric Dolphy’s clarinet solo. Paul Chambers plays an E-flat pedal tone on a slow ballad by this musician. A bassline by Jimmy Garrison leads into chants of one of this artist’s album names at the end of the track “Acknowledgement.” This artist’s “Countdown” appears on an album alongside a track named for his first wife, (\*) “Naima.”** On an album’s first track, Tommy Flanagan struggled to keep up with rapid chord progressions known as this musician’s namesake “changes.” For 10 points, name this jazz saxophonist whose “sheets of sound” style appears in *A Love Supreme* and *Giant Steps*.

ANSWER: John **Coltrane** [accept **Coltrane** changes]

<Other Fine Arts — Ganon Evans> [Ed.]

19. While at this university, Laura Bassi became the first woman in the world to receive a doctorate in science. For 10 points each:

[H] Name this Italian university where Bettisia Gozzadini was the first woman in history to receive a degree. This university in Emilia-Romagna is the oldest continuously operating college in the world.

ANSWER: University of **Bologna** [or **UNIBO**; or Università di **Bologna**]

[E] Bassi helped popularize classical mechanics and this idea in Italy. Galileo Galilei was forced by the Church to recant this idea about the Earth’s location in the solar system. A description is acceptable.

ANSWER: **heliocentrism** [accept answers indicating that the **Earth revolves around the Sun** or the **Sun is at the center of the solar system**]

[M] Pope Sixtus IV allowed this kingdom’s Uppsala University to operate under the same hands-off style as the University of Bologna. Rene Descartes died while tutoring this kingdom’s Queen Christina of House Vasa.

ANSWER: Kingdom of **Sweden** [accept the **Swedish** Empire]

<European History — Ganon Evans> [Ed. Louis Li]

*Note to players: Two answers required.*

20. **In 2017 a laser was used to mimic the compression of methane into diamond on these two bodies. Alexis Bouvard [boo-var] discovered that one of these two bodies had orbital perturbations caused by the other, whose position was then calculated by Urbain Le Verrier [ur-bain luh vair-yay]. Absorption of long-wavelength light by methane gas in these two bodies’ (\*) atmospheres gives them their distinct color.** These two planets were visited by Voyager 2, but not Voyager 1. The largest moons of these two planets are Titania and Triton. These are the seventh and eighth-farthest planets from the Sun. For 10 points, name these two “ice giants.”

ANSWER: **Uranus** and **Neptune** [accept in either order] (Diamonds are thought to fall as “rain” on these planets.)

<Astronomy — June Yin> [Ed.]

20. One character in this novel makes soup with a piece of her flesh for her dying mother. For 10 points each:  
[H] Name this novel. Another character in this novel asks the Moon Lady to be returned to her family, only to find out that she was a character played by a man.

ANSWER: *The **Joy Luck Club***

[M] In *The Joy Luck Club*, Waverly Jong becomes a national champion in this activity at the age of nine. *The Defense* by Vladimir Nabokov chronicles Aleksandr Luzhin's ["loo-zin's"] experiences with this activity.

ANSWER: **chess**

[E] At the beginning of the novel, Jing-Mei Woo joins the Joy Luck Club, and plays mahjong at one of these locations. Another character, Rose Hsu Jordan, later marries her husband Ted at one of these places of worship.

ANSWER: a **church** [accept First Chinese Baptist **Church**]

<Long Fiction — Athena Liu> [Ed. Joel Miles]