



Middle School Series #42  
Packet 1

Questions

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1. **This event supposedly began in Europe because of a tactic used by Mongol forces at the siege of Caffa. While fleeing this event, Boccaccio** [boh-KAH-choh] **wrote** *The Decameron* [dih-KAM-uh-run]. (\*) *Yersinia pestis* [yur-SIH-nee-uh PES-tiss] caused this event, which killed up to 50% of Europe's population. For 10 points—name this 14th-century pandemic.
- answer: Black Death or bubonic plague (or Great Plague or Great Pestilence; accept pneumonic plague or septicemic plague or Black Plague; prompt on "plague") [While besieging Caffa, Mongol troops supposedly flung plague-infected animal corpses over the city's walls.]
1. For 10 points each—name these monsters from picture books:
- A. This "lovable, furry" blue Muppet from *Sesame Street* realizes that he is the title character at the conclusion of Jon Stone's *The Monster at the End of This Book*.
- answer: Grover (accept The Monster at the End of This Book: Starring Lovable, Furry Old Grover)
- B. In a book by Julia Donaldson, a mouse intimidates this monster who has "knobbly knees," a "poisonous wart," and "purple prickles all over his back."
- answer: Gruffalo ["GRUFF"-uh-loh] (accept The Gruffalo)
- C. A picture book by William Steig [styg] introduced this grouchy green ogre [OH-gur], who rides a donkey to the castle of a "ghastly" princess.
- answer: Shrek (accept Shrek!)
2. **A location on this body that was named after Octavia Butler in 2021 is within the Jezero** [JEZ-uh-roh] **crater. A vehicle that has been on this body for more than 300 sols** ["souls"] **carried the (\*)** robotic helicopter *Ingenuity*. In 2021 NASA's *Perseverance* rover landed—for 10 points—on what "red planet"?
- answer: Mars
2. In January 2022 this woman surpassed Matt Amodio's [uh-MOH-dee-oh'z] 38-game winning streak. For 10 points each—
- A. Name this woman who is the first openly trans contestant to qualify for a game show's Tournament of Champions.
- answer: Amy Schneider
- B. Schneider is one of the winningest ["winning-est"] contestants in the history of this show once hosted by Alex Trebek [treh-BEK].
- answer: Jeopardy!
- C. In 2021 this former actress on *The Big Bang Theory* began sharing *Jeopardy!* hosting duties with Ken Jennings.
- answer: Mayim (Chaya) Bialik ["MY"-im bee-AH-lik]

<538351>

<555757>

<554705>

<553920>

3. **The “societies” of this class of animals were the subject of a 1971 book by biologist E. O. Wilson. Within this class, eusociality** <sup>["you-sociality"]</sup> **is characteristic of orders like Hymenoptera** <sup>[HY-muh-NAHP-tuh-ruh]</sup> **and can be seen in their (\*) colonies.** For 10 points—what class of six-legged invertebrates includes bees and ants?

answer: insects (or Insecta)

&lt;555483&gt;

3. A conflict known by this name was ended by the Good Friday Agreement in 1998. For 10 points each—  
A. Ulster loyalists fought republicans in Ireland in a conflict with what generic-sounding nickname?

answer: The Troubles (or Na Trioblóidí)

- B. Irish republicans during the Troubles mostly belonged to this Christian church, while loyalists were mostly Protestants.

answer: Roman Catholic Church (or Church of Rome)

- C. This Irish nationalist paramilitary group with “Provisional” and “Official” incarnations participated in the Troubles.

answer: IRA <sup>["I-R-A"]</sup> (or Irish Republican Army; accept Provisional IRA or Official IRA)

&lt;555661&gt;

4. **Before this president’s inauguration, his life was threatened in the Baltimore Plot. This man won the presidency by defeating John Breckinridge, the southern Democrats’ nominee, and his old (\*) Illinois rival, Stephen Douglas.** For 10 points—what 16th president led the Union in the Civil War?

answer: Abraham Lincoln (or Abe Lincoln)

&lt;536711&gt;

4. One of these gems known as La Peregrina <sup>[peh-reh-GREE-nuh]</sup> has been owned by both Mary I and actress Elizabeth Taylor. For 10 points each—

- A. Identify this type of gemstone that gives an alternate name for boba or bubble tea.

answer: pearl (accept pearl (milk) tea)

- B. Pearl is the daughter of Hester Prynne <sup>[prin]</sup> in this author’s novel *The Scarlet Letter*.

answer: Nathaniel Hawthorne (or Nathaniel Hathorne)

- C. After a stint at the University of Tennessee, Bruce Pearl was hired as the men’s basketball coach of this other SEC school whose former athletes include Charles Barkley and Cam Newton.

answer: Auburn University

&lt;486686&gt;

5. **This activity nicknames a four-day war in 1969 between Honduras and El Salvador. A 2015 investigation into corruption in this activity led Sepp Blatter to resign as head of an (\*) international governing body of it.** For 10 points—name this activity organized by CONCACAF <sup>[KAHN-kuh-kaff]</sup> and FIFA <sup>[FEE-fuh]</sup>.

answer: soccer (or association football; accept Soccer War or Football War or playing soccer)

&lt;555543&gt;

5. These geological features are formed in orogenies <sup>[oh-RAH-juh-nee-z]</sup>. For 10 points each—

- A. Name these tall geological features found in namesake “ranges,” like the Himalayas.

answer: mountains (accept mountain ranges or Andes Mountains or Himalayan Mountains)

- B. Orogenies often occur near “zones” named for this process, in which a tectonic plate moves beneath another plate.

answer: subduction <sup>["sub-DUCK-shin"]</sup> (accept subducting or subduction zones)

- C. Subduction zones are found at this type of plate boundary in which the plates move toward each other.

answer: convergent plate boundary

&lt;555325&gt;

6. **This character utters his final words, “look at me,” after failing to escape from an “enchanted cage” within the Shrieking Shack. He becomes alienated from his childhood friend Lily (\*) Evans when he calls her a “Mudblood.”** For 10 points—name this Slytherin <sup>["SLITHER-in"]</sup> who teaches Harry Potter about potions.

answer: Severus <sup>[SEH-vuh-russ]</sup> Snape (accept either underlined portion) [Snape says “look at me” to Harry, whose green eyes are nearly identical to those of Harry’s mother, Lily.]

&lt;553558&gt;

6. For 10 points each—name these areas around the globe with something in common:

A. The headquarters of Samsung and Hyundai [hun-day] are in Seoul [ˈsoʊl], the capital of this East Asian country.

answer: South Korea (or Republic of Korea or ROK or Taehan-min'guk or Han'guk; prompt on “Korea”; do not accept or prompt on “North Korea” or “Democratic People’s Republic of Korea”)

B. Juba [JOO-bah] is the capital of this African country, which broke off from its neighbor and declared independence in 2011.

answer: South Sudan (or Republic of South Sudan; do not accept or prompt on “Sudan” or “Southern Sudan”)

C. In 2008 this country fought Russia over the disputed region of South Ossetia [oh-SEH-tee-uh]. This country is the northernmost of the three “Caucasian States.”

answer: Georgia (or Sak'art'velo)

&lt;554598&gt;

7. **Princedoms without strong heirs were absorbed into this colony via the doctrine of lapse. Grease-coated cartridges sparked the Sepoy [SEE-poy] Mutiny in this colony during its (\*) “Raj” [rahzh] period.** For 10 points—name this “jewel in the crown” of the British Empire, which governed it until 1947 from Calcutta [kal-KUH-tuh].

answer: British India (accept the British Raj before “Raj”)

&lt;553749&gt;

7. An unnamed giant built the walls around this domain. For 10 points each—

A. Name this home realm of the Aesir [AA-seer], the major Norse gods.

answer: Asgard [AZ-“guard”] (or Asgardr)

B. The mysterious giant built Asgard’s walls with help from Svadilfari [SVAH-dil-far-ee], one of these animals who was later seduced by a shapeshifted Loki.

answer: horses (or stallions)

C. The builder of the walls of Asgard asked for Freya, and these two celestial objects, known as Mani and Sol, as payment

answer: (the) Sun  
(Earth’s) Moon (or Luna) (accept answers in either order)

&lt;547951&gt;

8. **This actor played a detective who rescues Dan Marino from a kidnapper haunted by a missed kick in a Super Bowl. This man played Stanley Ipkiss, who gains superpowers by putting a (\*) green object on his face.** For 10 points—what comedic actor starred in *The Mask* and the Ace Ventura films?

answer: Jim Carrey (or James Eugene Carrey)

&lt;555809&gt;

8. This phenomenon’s speed is measured by anemometers [ANN-uh-MOM-uh-turs]. For 10 points each—

A. Name these moving air currents, which include breezes and gusts.

answer: wind(s)

B. The effects of wind are quantified on this scale named for an Irish rear admiral, on which a strong breeze corresponds to “Force 6.”

answer: Beaufort [BOH-furt] (wind force) scale

C. These systems are ranked by wind speed on a five-category scale partly named for Herbert Saffir. Their wind speeds must exceed 74 miles per hour.

answer: hurricanes (or (tropical) cyclones; accept typhoons or hurricane-force winds; do not accept or prompt on “tornado(es)” or “whirlwind(s)”) [Hurricanes are categorized on the Saffir-Simpson scale.]

&lt;554765&gt;

9. **This state contains a hockey rink nicknamed “The Whale” that was designed by Eero Saarinen [ˈarrow SAR-uh-nun]. This state’s flagship university is in the city of Storrs. (\*) New Haven [new HAY-vin] is home to the campus of Yale University in—**for 10 points—what New England state whose cities include Bridgeport and Hartford?

answer: Connecticut (accept CT [ˈC-T]) [Saarinen designed the hockey rink at Yale.]

&lt;555446&gt;

9. This man succeeded his mentor, Johnny Torrio, as head of a group known as the “Outfit.” For 10 points each —
- A. Name this gangster who ordered a 1929 “hit” against his longtime nemesis Bugs Moran.  
answer: Al Capone [kuh-POHN] (or Alphonse (Gabriel) Capone; prompt on “Scarface”)
- B. The 1929 strike that Capone ordered against Moran was known as a “massacre” named for this February 14 holiday on which the attack took place.  
answer: Valentine’s Day (accept Saint Valentine’s Day Massacre)
- C. Capone was never implicated in the massacre, but after being convicted of tax evasion he was jailed at this federal prison on an island in San Francisco Bay.  
answer: Alcatraz Federal Penitentiary (or Alcatraz Island; prompt on “(The) Rock”) <540436>
10. **This function of  $n$  is the number of permutations of  $n$  distinct items. For the integers from 1 to 5, this function outputs 1, 2, 6, (\*) 24, and 120.** For 10 points—what function denoted by an exclamation mark gives the product of 1 times 2 times 3 times 4 and so on up through the input?  
answer: (n) factorial function <55389>
10. During this woman’s trial, she claimed her actions were influenced by her ex-boyfriend Ramesh Balwani [rah-MESH bahl-WAH-nee]. For 10 points each —
- A. Name this female Silicon Valley startup founder who in January 2022 was found guilty of wire fraud and conspiracy to defraud investors.  
answer: Elizabeth (Anne) Holmes
- B. Holmes founded this company, which lied about the capabilities of its “Edison” machine to conduct medical tests with only a few drops of blood.  
answer: Theranos [THAIR-uh-nohss]
- C. Theranos’s fraud was exposed in a 2015 article in this newspaper, whose name refers to a road synonymous with New York’s financial sector.  
answer: The Wall Street Journal (or WSJ) <55993>
11. **A painting by this artist shows a home he shared with Paul Gauguin [goh-gan] and is called *The Yellow House*. A cypress tree and swirling clouds feature in a nightscape he painted in an (\*) asylum.** For 10 points—what Dutch-born painter who mostly worked in late 19th-century France created *Starry Night*?  
answer: Vincent (Willem) van Gogh [“van GO”] <554884>
11. Opera singer Joan Sutherland had the “coloratura” type of this vocal range. For 10 points each —
- A. Name this highest of the four standard vocal ranges.  
answer: soprano (accept lyric soprano or coloratura soprano)
- B. A soprano clef is a stylized version of this letter, placed on the lowest line of the staff. The alto and tenor clefs are also stylized versions of this letter.  
answer: C (accept C clef(s))
- C. A singer whose range lies between soprano and alto is often described by placing this five-letter Italian word before “soprano.” It’s also placed before “forte” in a dynamic meaning “medium loud.”  
answer: mezzo (accept mezzo-soprano or mezzo-forte) <55230>
12. **A man in this play states that “our little life / is rounded with a sleep” after musing, “We are such stuff / as dreams are made on.” In this play, the spirit Ariel and the monstrous slave (\*) Caliban [KAL-ih-ban] serve the sorcerer Prospero [“prosper”-oh].** For 10 points—what Shakespeare play begins with the title storm?  
answer: The Tempest <553435>

12. For 10 points each—answer the following about lakes in the western U.S.:

A. This lake, which is the largest alpine lake in North America, is between Nevada and California.

answer: Lake Tahoe

B. The construction of Garrison Dam created Lake Sakakawea, which is the largest man-made lake in this state that is governed from Bismarck [BIZ-mark].

answer: North Dakota (accept ND ["N-D"])

C. This lake in northern Utah is a remnant of the prehistoric Lake Bonneville. The Jordan River empties into this lake.

answer: Great Salt Lake

&lt;555417&gt;

13. **In 2021 this MLB team won a record five Gold Gloves, including the ninth straight for newly acquired third baseman Nolan Arenado** ["AIR"-uh-NAH-doh]. **This team won 17 straight games in September 2021. (\*) Yadier** [YAH-dee-air] Molina is a catcher on—for 10 points—what National League team based at Busch Stadium in Missouri?

answer: St. Louis Cardinals (accept either underlined portion; accept Cards)

&lt;555453&gt;

13. For 10 points each—name these parts of a cell:

A. These organelles help break down long-chain fatty acids. As a byproduct, they produce a namesake compound with formula  $H_2O_2$  ["H two O two"].

answer: peroxisomes [ $H_2O_2$  is hydrogen peroxide]

B. These organelles are the site of translation, and they are responsible for assembling proteins.

answer: ribosomes [RYE-boh-sohmz]

C. Ribosomes are assembled in a structure within this central organelle of the cell. It contains the chromosomes.

answer: cell nucleus [Ribosomes are assembled in the nucleolus.]

&lt;553911&gt;

14. **Pencil and paper ready. Anirudh** [ah-nee-"rude"] **is randomly drawing a single card from a standard deck of 52 playing cards, and needs to know the probability that the card will be a red queen. Since the deck has 4 equal suits, 2 of which are (\*) red, he finds—for 10 points—what probability of a red queen?**

answer: 1/26 or 1 in 26 [There are 2 red queens (the queen of hearts and the queen of diamonds);  $2/52 = 1/26$ .]

&lt;555412&gt;

14. Harold Bloom called this book the first modern novel. For 10 points each—

A. Name this novel by Miguel de Cervantes [mee-GEL day sayr-VAHN-tayss] about a man who fancies himself a knight.

answer: Don Quixote [dohn kee-HOH-tay] (or The Ingenious Gentleman Don Quixote de la Mancha or El ingenioso hidalgo don Quijote de la Mancha)

B. In an iconic scene, Don Quixote tilts at some of these items that he mistakes for giants.

answer: windmills

C. Don Quixote rides this bony, clumsy horse which he imagines as a beautiful steed.

answer: Rocinante [roh-see-NAHN-tay]

&lt;555478&gt;

15. **This was the first war in which the U.S. funded its military by selling liberty bonds. During this war, the A.E.F. was commanded by General "Black Jack" Pershing. The (\*) sinking of the *Lusitania* by Germany was a factor leading the U.S. to enter—for 10 points—what global war in 1917?**

answer: World War I (or First World War; prompt on "Great (War)")

&lt;541285&gt;

15. In England, these laws were called the Coercive Acts. For 10 points each—

A. Give this collective name for four harsh laws Parliament passed in 1774 to punish colonists in Massachusetts.

answer: Intolerable Acts

B. The Intolerable Acts were a response to this destructive 1773 protest in which cases of a certain beverage were dumped into Boston Harbor.

answer: Boston Tea Party

C. The Intolerable Acts led colonists to form the first of these assemblies in Philadelphia. Its second version, convened in 1775, drafted the Declaration of Independence.

answer: (First) Continental Congress (prompt on “Congress”)

&lt;541917&gt;

16. **From 2012 to 2013 this country was led by an affiliate of the Muslim Brotherhood. Protests often take place in this country’s Tahrir Square, including those that toppled Hosni (\*) Mubarak** [HAHZ-nee moo-BAH-rahk]. The former general Abdel Fattah el-Sisi [ahb-DEL fah-TAH el-SEE-see] is the president of—for 10 points—what country led from Cairo?

answer: Egypt (or Arab Republic of Egypt or Gumhuriyat Misr al-Arabiyyah)

&lt;553929&gt;

16. For 10 points each—answer these questions about lunar space probes:

A. The first man-made probe to land on the Moon, Luna 2, was launched in 1959 by what Communist country that also launched Sputnik?

answer: Soviet Union (or USSR or Union of Soviet Socialist Republics or Sovietsky Soyuz or S.S.S.R. or Soyuz Sovetskikh Sotsialisticheskikh Respublik)

B. The first U.S. probe to study the Moon belonged to what program, whose probes 10 and 11 escaped the solar system while carrying engraved golden plates? It preceded the Voyager program.

answer: Pioneer program (accept Pioneer Plates)

C. In 2019 what country’s lunar probe Chang’e 4 [chang-uh “four”] became the first to land on the far side of the Moon?

answer: China (or People’s Republic of China or PRC or Zhongguo or Zhonghua Renmin Gongheguo; do not accept or prompt on “Republic of China”)

&lt;552634&gt;

17. **This character has his face painted blue and is called a “sick Arab” by the “duke” and the “dauphin”** [doh-FAN]. **When this man is held in a shed on the Phelps plantation, Tom (\*) Sawyer** devises a rescue plan. For 10 points—what slave sails on a raft with a boy in Mark Twain’s *Adventures of Huckleberry Finn*?

answer: Jim

&lt;548846&gt;

17. For 10 points each—name these American authors who lived as recluses:

A. This author, who wrote about the teenager Holden Caulfield in *The Catcher in the Rye*, lived reclusively in New Hampshire from 1961 until his death in 2010.

answer: J. D. Salinger [SAL-in-jur] (or Jerome David Salinger)

B. This author of the poem “Because I could not stop for Death” lived a secluded life in Amherst, Massachusetts.

answer: Emily (Elizabeth) Dickinson

C. This postmodern author of *V.* and *The Crying of Lot 49* has not been publicly photographed since the 1950s and lives in an undisclosed location.

answer: Thomas Pynchon [“PINCH”-un] (or Thomas Ruggles Pynchon Jr.)

&lt;546216&gt;

18. **Bragg’s law is used in a technique based on this type of radiation used to determine the structure of DNA. Wilhelm Röntgen** [VIL-helm RENT-gen] **is credited with discovering this type of radiation. It has frequencies below those of (\*) gamma rays.** For 10 points—name this form of radiation used to image bones.

answer: X-rays (or X-radiation; accept X-ray crystallography or X-ray diffraction; accept X-rays after “rays”)

&lt;554726&gt;

18. A number of progressives suggested that this man should retire following the 2020 elections. For 10 points each—

A. Name this liberal Supreme Court justice who announced his retirement in January 2022.

answer: Stephen (Gerald) Breyer

B. Democrats hope that Breyer’s retirement opens the door for a future justice who will resist efforts to overturn this landmark 1973 abortion case.

answer: Roe v. Wade

C. This man, who was the last Supreme Court nominee by a Democratic president, never received a congressional hearing and currently serves in the Biden administration.

answer: Merrick (Brian) Garland

&lt;556075&gt;

19. **This country’s coat of arms partially depicts its namesake mountain, which is the second tallest in Africa. This country’s flag shows a shield in front of two crossed spears of the (\*) Maasai [mah-“SIGH”] people. The father of Barack Obama was born in— for 10 points— what country whose capital is Nairobi [nye-ROH-bee]?**

answer: Kenya (or Republic of Kenya or Jamhuri ya Kenya)

&lt;553946&gt;

19. Pencil and paper ready. A student received a score of 85 percent on a recent test. For 10 points each—

A. Assuming each question was worth the same value, and no partial credit was given, what is the *minimum* number of test questions that would allow a student to answer *exactly* 85 percent of the questions correctly?

answer: 20 questions [85% = 85/100 = 17/20, which is in lowest terms.]

B. If there were 40 questions on the test, how many questions did the student answer correctly?

answer: 34 questions [85% of 40 =  $0.85 \times 40 = (0.8 \times 40) + (0.05 \times 40) = 32 + 2 = 34$ ]

C. What percentage score must the student receive on a second test to raise her mean average for the two tests to 92 percent? You have 10 seconds.

answer: 99% [ $M = (85 + x)/2 = 92$ , so  $85 + x = 184$ , and  $x = 99$ ]

&lt;555428&gt;

20. **This emperor began building the Domus Aurea [DOH-mus AW-ree-uh] on the Oppian Hill. This Roman emperor’s suicide in AD 68 began the “Year of the Four Emperors” and may have been accompanied by the line “what an (\*) artist dies in me.” For 10 points— what Roman emperor legendarily played his fiddle while Rome burned?**

answer: Nero (Claudius Caesar Augustus Drusus Germanicus)

&lt;541283&gt;

20. For 10 points each— answer the following about things named after coffee:

A. This Baroque composer of the *Brandenburg Concertos* depicted Lieschen’s [LEE-shen’s] addiction to the drink in his humorous *Coffee Cantata*.

answer: Johann Sebastian Bach (or J. S. Bach)

B. Sun Microsystems developed this “write once, run anywhere” programming language whose logo is a coffee cup, and whose name is a nickname for coffee.

answer: Java

C. Caffeine, which is named for being first isolated from coffee, works by blocking adenosine from accumulating in these gaps between neurons, across which neurons send signals.

answer: synapses

&lt;555511&gt;

21. **This element, nitrogen, and oxygen comprise the most common form of saltpeter, an ingredient in gunpowder. This element’s name refers to its historic extraction from ashes soaked in a (\*) pot of water. For 10 points— what element with atomic symbol “K” may be obtained nutritionally in bananas?**

answer: potassium (accept K before “K”; accept potassium nitrate) [Potassium was historically extracted from potash.]

&lt;555834&gt;

21. For 10 points each—answer the following about logical arguments:

A. This term refers to the statements in the body of an argument from which the argument’s conclusions are drawn.

answer: premises

B. This kind of argument defined by Aristotle [“AIR”-ih-stah-tul] deduces a conclusion from two premises. “All men are mortal, John is a man, therefore John is mortal” is one of these arguments.

answer: syllogisms [SIH-luh-JIZMS] (or syllogistic argument)

C. The conclusion of a syllogism only has this property if the premises do. This property is the opposite of falsehood.

answer: truth (or true)

&lt;553922&gt;

22. **This country controls the Isthmus of Kra** [KRAH], **a narrow region that extends southward into the Malay Peninsula.** **The Mekong** [MEE-kong] **River forms much of this country’s eastern border with (\*) Laos** [lowss].

Siam [“sigh”-AM] was the former name of—for 10 points—what southeast Asian country whose capital is Bangkok?

answer: Thailand (or Kingdom of Thailand or Prathet Thai or Ratcha Anachak Thai)

&lt;554933&gt;

22. For 10 points each—name these shapes related to circles:

A. Revolving a circle about an axis in the same plane and not through the circle’s center produces this donut-like 3D shape.

answer: torus(es) (accept tori; accept toroidal surface(s))

B. This hollow round shape is the 3D equivalent of a circle.

answer: sphere(s) (do not accept or prompt on “ball”)

C. This is the name for the ring-like region between two concentric circles.

answer: annulus [AN-yoo-luss] (accept annuli)

&lt;556999&gt;

23. **Chrysus** [KRIS-us] **was a minor god of this substance.** **The Hesperides** [heh-“SPARE”-ih-deez] **guarded a tree that produced fruit made of this substance.** **Dionysus** [“die”-oh-NYE-siss] **gave a king of (\*) Phrygia** [“FRIDGE”-ee-uh] **the ability to turn objects into this substance.** Being touched by Midas [“MY”-duss] turned objects into—for 10 points—what precious metal?

answer: gold

&lt;553385&gt;

23. In 1903 this country declared independence from Colombia. For 10 points each—

A. Name this Central American country that immediately authorized the building of a namesake U.S.-controlled canal.

answer: Panama (or Republic of Panama or República de Panamá)

B. This Republican president backed Panamanian secession from Colombia following Colombia’s failure to ratify a canal treaty.

answer: Theodore Roosevelt (or Teddy Roosevelt or TR; prompt on “Roosevelt”)

C. This president signed a treaty with Panama’s leader Omar Torrijos [toh-REE-hohss] to transfer control of the canal from the U.S. The Mariel [mah-ree-EL] Boatlift from Cuba began when he was president.

answer: Jimmy Carter (or James Earl Carter Jr; accept Torrijos-Carter Treaty or Torrijos-Carter Treaties)

&lt;55752&gt;

24. **This force balances the centrifugal** [sen-TRIH-“few”-gul] **force at Lagrange** [luh-GRAHNZH] **points.** **General relativity explains this force as the warping of (\*) spacetime.** On Earth’s surface, this force causes an acceleration of 9.8 meters per second squared. For 10 points—name this attraction between objects with mass.

answer: gravity (or gravitational force)

&lt;553508&gt;

24. For 10 points each—answer the following about 1970s albums titled for moons:

A. The 1973 album *The Dark Side of the Moon* is by this British rock group, who included “Another Brick in the Wall (Part 2)” on *The Wall*. Their name includes a color.

answer: Pink Floyd

B. *Pink Moon* was by a reclusive folk singer with this surname. A Canadian rapper with this stage name sang “One Dance.”

answer: Drake (accept Nick Drake)

C. 1977's *Marquee Moon* was by Television, a band who, like the Ramones, were part of this city's CBGB ["C B G B"] scene.

answer: New York City (or NYC)

<550803>