

# RQBCo Novice 2025-2026

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## TheRockfordQuizBowlCo.

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## Round 2

- 1) **This state is home to Maya Lin's *Civil Rights Memorial*, built for the headquarters of the Southern Poverty Law Center. The Edmund Pettus Bridge, the site of a 1965 Bloody Sunday, is in this state, as is the (\*) Sixteenth Street Baptist Church, where a bombing killed four girls in 1963. For ten points, name this U-S state where brutal oppression of civil rights protesters took place in Selma, Birmingham, and Montgomery.**

ANSWER: Alabama

Bonus 1) These compounds may be classified as alpha, beta, or gamma depending on the position of their side chains, with the "alpha-" type being the most important for life. For ten points each,

[10m] Name these compounds. Twenty-one of them are found in all life forms; of those, the human body can synthesize twelve of them, and must digest food to get the other nine "essential" ones.

ANSWER: amino acids (accept essential amino acids; do not prompt on "acid" alone)

[10e] The terms "amino" and "acid" indicate that every amino acid has an N-H<sub>2</sub> group and a C-O-O-H group, and only differ by their side chains. Just two of the twenty-one amino acids have side chains with this element, whose atomic symbol is S.

ANSWER: sulfur

[10h] Sulfur is found in methionine [meh-THY-oh-neen], whose single-letter code is M, and this amino acid, which builds disulfide bonds and whose single-letter code is C.

ANSWER: cysteine (prompt on "Cys")

- 2) **A racist example of these works by Doctor Seuss shows Japanese-Americans on the Pacific Coast *Waiting for the Signal From Home*. Another of these works asks "What are you going to do about it?" and shows *The (\*) Tammany Tiger Loose*. These works, especially those by Thomas Nast, use caricatures and explicit labels to lampoon Boss Tweed and other politicians. For ten points, name these satirical comics that often appear in newspaper opinion sections.**

ANSWER: political cartoons (accept editorial cartoons; prompt on "comic(s)," "political comic(s)," etc.)

Bonus 2) Answer the following about collected stories for children, for ten points each.

[10e] This Greek slave and storyteller created many fables featuring talking animals, such as "The Tortoise and the Hare."

ANSWER: Aesop (accept Aesop's Fables)

[10h] This Danish author wrote many fairy tales, such as "The Emperor's New Clothes." His story "The Little Mermaid" is commemorated with a statue in Copenhagen's harbor.

ANSWER: Hans Christian Andersen (accept H.C. Andersen)

[10m] This Middle Eastern collection is narrated by Scheherazade to her husband Shahryar. It includes stories about Ali Baba and Sinbad.

ANSWER: The (One) Thousand and One Nights (accept A Thousand and One Nights; accept The Arabian Nights; accept Alf Laylah wa-Laylah)

- 3) **This religious action is entirely performed in the qiyam position in the al-Janazah, or funerary, form of it. This action is divided into motions called rakat, and it is preceded by (\*) wudu, ritual washing. A muezzin calls people to perform this action, which is done facing the qibla, according to the pillar of Salat. For ten points, name this religious action that should be done five times each day by Muslims to talk to Allah.**

ANSWER: pray (accept word forms like praying or prayer; accept salah or salat before "salat" is read in the second-to-last sentence; prompt on descriptions like "talking to (a) god" or "talking to Allah;" prompt on "worship")

Bonus 3) In 1837, Elijah Lovejoy was shot and killed by a pro-slavery mob in this state's town of Alton. For ten points each,

[10m] Name this free state where Lovejoy and other abolitionists lived in Alton after moving east, away from threats of violence in Saint Louis.

ANSWER: Illinois

[10e] Lovejoy worked as an abolitionist by founding the *Alton Observer*, one of these businesses. The mob of Missourians that killed Lovejoy sought to shut down the *Observer* by destroying its press.

ANSWER: newspaper (accept descriptions of journalism; prompt on "the press" because it is used as a clue)

[10h] Two decades after Lovejoy's death, the town of Alton hosted the seventh and final one of these events, in which two candidates expressed their views on popular sovereignty prior to an 1858 election.

ANSWER: Lincoln-Douglas debates (accept descriptive answers about the 1858 debates between Abraham Lincoln and Stephen Douglas for a seat in the U-S Senate, with all three underlined parts required; prompt on partial answers)

- 4) **This novel's protagonist prevents an attack by recognizing Walter Cunningham in a mob of townspeople. Two children in this novel attend church with Calpurnia and investigate gifts hidden in a tree. Because of (\*)** Mayella Ewell's false accusations in this novel, Jem and his sister are attacked after a costume pageant as revenge against their father, Atticus. For ten points, name this novel narrated by Scout Finch and written by Harper Lee.

ANSWER: To Kill a Mockingbird

Bonus 4) This country's legends are told in works like the Ulster Cycle. For ten points each,

[10m] Name this modern European country whose myths tell of the heroes Fionn mac Cumhaill [FIN mih-KOOL] and Cú Chulainn [koo KUH-lan].

ANSWER: Ireland (accept Eire; accept Republic of Ireland or Poblacht na hÉireann; accept Irish Free State; do not accept or prompt on "Northern Ireland")

[10h] In the Ulster Cycle, Cú Chulainn defends against Queen Medb [mayv] as she tries to steal a prized animal of this kind from Cooley.

ANSWER: cattle (accept bull; accept cow)

[10e] Cú Chulainn defends against the Cattle Raid of Cooley with his weapon, Gae Bolg ["guy"-bowlg], which is this type of long weapon with a pointed end used for stabbing.

ANSWER: spear

- 5) **The Simon-Glatzel equation describes the pressure that keeps a layer of this structure solid even at high temperatures. Inge Lehmann's studies of P-waves revealed a boundary between this structure's (\*) solid and liquid parts. This structure's outer layer generates the Earth's magnetic field because it is made of liquid nickel and iron, and its inner layer is likely a solid metal ball. For ten points, name this center layer of the Earth, below the mantle.**

ANSWER: core (accept Earth's inner and/or outer core; prompt on "Earth" until "solid and liquid" is read)

Bonus 5) This country's prime minister, K. P. Sharma Oli, resigned in September 2025 and was replaced by Sushila Karki, a former Supreme Court chief justice. For ten points each,

[10h] Name this landlocked, mountainous Asian country where anger over corruption led to the burning of government buildings and a Hilton hotel in Kathmandu.

ANSWER: Nepal (accept Federal Democratic Republic of Nepal; accept Saṅghīya Lokatāntrika Gaṇatantra Nepāla)

[10e] The media named the Nepalese protests for this generation. People in this generation are younger than millennials but older than Gen Alpha.

ANSWER: Generation Z (accept Gen Z; accept zoomers)

[10m] Karki was chosen as the new prime minister after a debate on this online messaging platform, where thousands of protesters organized in the "Youths Against Corruption" server.

ANSWER: Discord

- 6) **A painting in this city contains the artist's self portrait in the flayed skin of Saint Bartholomew, and is called *The Last Judgment*. This city contains the fresco *The School of Athens* in its (\*) Raphael Rooms, as well as *The Creation of Adam*, which was painted on the ceiling of this city's Sistine Chapel. For ten points, name this independent city-state where Raphael and Michelangelo created religious works for Roman Catholic popes.**

ANSWER: Vatican City (accept Vatican City State; accept Status Civitatis Vaticanae; accept Stato della Città del Vaticano; prompt on "Rome" before "Roman" is read)

Bonus 6) If a high school tossup asks you to name a kingdom of living things, it's almost always this one. For ten points each,

[10e] Name this kingdom whose fictional members often infect and transform humans in popular culture. This kingdom includes yeasts, molds, and mushrooms.

ANSWER: **fungus** (accept **fungi**)

[10h] In real life, fungi are fed by networks of thread-like mycelia. In this survival horror franchise's seventh game and its sequel, *Village*, the Mega-mycete's mycelia infect humans like Ethan Winters.

ANSWER: **Resident Evil** (accept **Biohazard**, which is the Japanese name of the franchise; accept **Resident Evil Seven**; Biohazard; accept **Resident Evil Village**)

[10m] Real fungi often reproduce through spores. In this video game and TV franchise, Joel and Ellie try to survive an apocalyptic world in which humans get infected by the spores of the Cordyceps fungus.

ANSWER: The **Last of Us**

- 7) **In spherical and hyperbolic geometry, the Lambert quadrilateral has exactly three of this type of angle. Euclid's fourth postulate assumes that all of these angles are equal to each other. Lines with slopes that are (\*) opposite reciprocals of each other meet at this type of angle. A pair of complementary angles add together to form, for ten points, what type of angle with size between acute and obtuse angles, measuring exactly ninety degrees?**

ANSWER: **right** angles (accept **ninety degree** angle before "ninety" is read)

Bonus 7) A fake letter from this man to Aristotle claimed he was attacked by an Odonto-tyrannos, an elephant sized beast with three horns. For ten points each,

[10h] Name this student of Aristotle, a "Great" Macedonian ruler who was supposedly attacked by that beast in India.

ANSWER: **Alexander** the Great (accept **Alexander** the Third of Macedon)

[10e] The *Letter of Alexander to Aristotle* was written in this ancient language, spoken by Alexander and Aristotle.

ANSWER: ancient **Greek** (accept **Helenike**; accept **Ellinika**)

[10m] The Odonto-tyrannos isn't the only beast that kills Alexander's men in the letter; these dangerous real-life animals whose name means "river horse" in Greek eat a bunch of soldiers, too.

ANSWER: **hippopotamus** (accept **hippopotamuses**; accept **hippopotami**)

- 8) **This job is assigned to the fictional monk William of Baskerville by an abbot who knows he was once an inquisitor in the novel *The Name of the Rose*. This job is performed by the nosy Miss Jane (\*) Marple, and by Hercule Poirot [ayr-KYOOOL pwah-ROH], a former policeman, in works by Agatha Christie, the so-called "Queen of Crime." For ten points, name this job that, in works of fiction, often outsmart the police to solve murders.**

ANSWER: **detective** (accept private **detective**; accept private **investigator**; prompt on answers describing "solving crimes;" do not accept or prompt on "police," "police detective," "cops," or equivalent answers)

Note: *The Name of the Rose* is by Umberto Eco.

Bonus 8) Give the following about fluid motion, for ten points each.

[10e] In physics, the term "fluid" refers to matter that can flow, including gases, plasmas, and this phase of matter in which mercury is found at room temperature.

ANSWER: **liquids**

[10m] This property measures a fluid's resistance to flow. A superfluid will have zero of this property, while syrup and ketchup have more of this than water does.

ANSWER: **viscosity** (accept word forms like **viscous**)

[10h] A fluid may experience laminar flow, in which each layer of the fluid flows in parallel with no disturbance, or this type of less stable flow with drastic changes in pressure.

ANSWER: **turbulence** (accept **turbulent** flow)

- 9) **This ruler tried to rewrite the history of his victory at Marengo with several propaganda campaigns. This ruler, who defeated Russia and Austria at the colossal Battle of Austerlitz, was beaten when Gebhard von (\*) Blucher's forces joined the Duke of Wellington's army in modern Belgium. For ten points, name this ruler who lost the 1815 Battle of Waterloo, after which he was exiled to Saint Helena and ousted as French Emperor.**

ANSWER: **Napoleon** Bonaparte (accept Napoleon **Bonaparte**; accept **Napoleon the First**)

Bonus 9) This abolitionist author wrote about Eliza Harris escaping slavery to be with her husband, George, in Canada. For ten points each,

[10h] Name this author of *Dred: A Tale of the Great Dismal Swamp*. Abraham Lincoln legendarily called her the "little lady who started [a] great war" because of this author's novel about Eliza and George.

ANSWER: Harriet Beecher Stowe

[10m] Eliza and George escape to Canada in this iconic anti-slavery novel by Harriet Beecher Stowe.

ANSWER: Uncle Tom's Cabin (accept Uncle Tom's Cabin; or, Life Among the Lowly)

[10e] In *Uncle Tom's Cabin*, Eliza runs across a frozen river to this northern free state. Stowe said that she based her book on first-hand accounts from former slaves who fled to Cincinnati in this state.

ANSWER: Ohio (accept Ohio River)

- 10) **These compounds react with carboxylic acids in the Fischer esterification. These compounds can be created by reducing aldehydes or ketones, or when yeast ferment sugars. These compounds include an (\*) isopropyl type that is used as a disinfectant. These compounds contain a hydroxyl functional group, or O-H. For ten points, what kind of compounds like methanol and ethanol make up a portion of beer and wine?**

ANSWER: alcohols

Bonus 10) This composer's large-scale works include four symphonies, the first of which was nicknamed "Beethoven's Tenth." For ten points each,

[10h] Name this Romantic composer who also wrote hundreds of smaller songs, including arguably the world's most famous lullaby.

ANSWER: Johannes Brahms

[10m] Brahms' First Symphony was a very good ripoff of Beethoven, particularly in how it copies Beethoven's Fifth Symphony's triumphant shift from this note's minor key to its major key. This major key has no flats or sharps in its key signature.

ANSWER: C (accept C major and/or minor)

[10e] In 1880, Brahms wrote the *Academic Festival Overture* to thank the University of Breslau for giving him this honorary gift.

ANSWER: degree (accept honorary doctoral degree; accept honorary doctorate in music; accept word forms and descriptions like "they made him an honorary doctor")

- 11) **This discipline's practitioners include Bronislaw Malinowski, who studied the Kula ring gift exchange of the Trobriand islanders. This academic discipline was performed "at a distance" for a work contrasting the "guilt" and "shame" of two countries, *The Chrysanthemum and the Sword*. This field's pioneers include (\*) Ruth Benedict, who studied at Columbia University under this field's "father," Franz Boas. For ten points, name this study of humans and culture.**

ANSWER: anthropology (accept word forms like anthropologists)

Bonus 11) This battle, which led to the pivotal siege of Santiago de Cuba, included an assault on Kettle Hill. For ten points each,

[10h] Name this July 1, 1898 battle, a turning point of the Cuban theater of the Spanish-American War.

ANSWER: Battle of San Juan Hill (accept Battle of San Juan Heights)

[10m] This man led the Rough Riders up Kettle Hill at the Battle of San Juan Hill, ensuring that the regiment gained great publicity for their actions. He then converted that fame into a successful run for president.

ANSWER: Theodore Roosevelt (accept Teddy Roosevelt; prompt on "Roosevelt" alone)

[10e] The Spanish-American War broke out after the USS *Maine* mysteriously exploded in the harbor of this Cuban capital city.

ANSWER: Havana

- 12) **A 1676 Declaration of the People of this place claimed that William Berkeley was corrupt. In this colony, the demand "He who will not work, shall not eat" was made during the Starving Time. The House of Burgesses once governed in this colony, where (\*) John Smith worked. This colony was the most populous of the thirteen colonies in 1776. For ten points, name this American colony whose capital cities included Williamsburg and its current capital, Richmond.**

ANSWER: Virginia (accept Jamestown until "thirteen" is read in the second-to-last sentence; prompt on "Jamestown" after "thirteen" is read)



Bonus 12) Samuel Fergusson and Dick Kennedy spend "Five Weeks" in one of these vehicles in an 1863 French adventure novel. For ten points each,

[10h] Name this kind of flying vehicle. In the works of L. Frank Baum, the Wizard of Oz first reaches the land of Oz when his vehicle of this type is blown off course.

ANSWER: hot air **balloon** (accept **Five Weeks in a Balloon**; accept Cinq Semaines en **Ballon**)

[10m] *Five Weeks in a Balloon* is one of the many adventure novels written by this French author of *Around the World in Eighty Days* and *Twenty Thousand Leagues Under the Sea*.

ANSWER: Jules **Verne** (accept Jules Gabriel **Verne**)

[10e] In *Twenty Thousand Leagues Under the Sea*, Captain Nemo secretly travels around the world in the *Nautilus*, a purpose-built one of these underwater vessels.

ANSWER: **submarine**

- 13) **Two people with this surname wrote songs with the lyrics "my heart grew tipsy in me" and "who could ask for anything more?" The songs "Embraceable You" and "I Got Rhythm" were written by lyricist Ira and his composer brother, who shared this family name. A resident of Catfish Row sings the lullaby (\*) "Summertime" to her baby in the opera *Porgy and Bess* by an American composer with this last name. For ten points, give the last name of George, the composer of *Rhapsody in Blue*.**

ANSWER: **Gershwin** (accept George and/or Ira **Gershwin**; accept Jacob and/or Israel **Gershwine** [GERSH-vin]; accept Jacob and/or Israel **Gershowitz**; accept Jacob and/or Israel **Gershovitz**)

Bonus 13) Jupiter's gravity creates Kirkwood gaps in this region. For ten points each,

[10e] Name this torus-shaped region between Jupiter and Mars. It contains objects such as Pallas and Vesta.

ANSWER: **asteroid belt** (accept main **asteroid belt**)

[10h] The largest body in the asteroid belt is this object, which was explored and is now orbited by the *Dawn* spacecraft.

ANSWER: **Ceres** (accept One **Ceres**)

[10m] Ceres is classified both as an asteroid and as one of these objects, which are smaller than planets and haven't cleared their neighborhood of smaller astronomical bodies.

ANSWER: **dwarf planet**

- 14) **Lars Onsager solved a model describing this phenomenon defined by a lattice of spins, called the Ising model. Above the Curie temperature, materials lose a "permanent" form of this property, which is especially common in rare-earth elements like (\*) neodymium. This property can be "induced" by proximity to metals like iron. For ten points, name this phenomenon in which a material has a pair of "north" and "south" poles that attract and repel each other.**

ANSWER: **magnetism** (accept **magnets**; accept **ferromagnetism**)

Bonus 14) One of these structures was built in 122 C.E to mark and protect the northern border of Britannia. For ten points each,

[10e] Name this type of defensive structure. The aforementioned example, named for Hadrian, is ten to twelve feet tall for most of its length.

ANSWER: Roman **walls** (accept Hadrian's **Wall**)

[10m] Twenty years after Hadrian's Wall was built, the Romans expanded northward into what is now this British constituent country north of England, where they built the Antonine Wall between the Firth of Forth and the Firth of Clyde.

ANSWER: **Scotland** (accept **Caledonia**; accept **Alba**)

[10h] Another series of walls in modern Romania, Moldova, and Ukraine is named for this other Roman emperor, Hadrian's predecessor.

ANSWER: **Trajan** (accept Marcus Ulpius **Traianus**; accept **Traian**)

- 15) **A saying about the title event of this story notes that "corn be heavy soon." In this story, Mr Graves and Mr Summers set up a black box on a three-legged stool in a town square. A piece of paper with a (\*) black mark is drawn by Bill in this story, whose wife later complains "it isn't fair, it isn't right." Tessie Hutchinson is horrifically stoned to death in, for ten points, what Shirley Jackson story about a "game" of chance?**

ANSWER: The **Lottery**

Bonus 15) This title character of an Indian epic works with Hanuman to defeat the evil king Ravana. For ten points each,

[10m] Name this seventh avatar of Vishnu, the hero of a namesake Indian epic who saves his wife, Sita, and returns home with her to Ayodhya.

ANSWER: **Rama** (accept **Ram**; accept **Ramayan** or **Ramayana** or **Ramayanam**)

[10e] Rama and Sita's return to Ayodhya is one of the events celebrated in this autumn holiday in Hinduism. This multi-day festival also honors Lakshmi, and is celebrated with rangolis and diya lamps.

ANSWER: **Diwali** (accept **Divali**; accept **Deepavali**; accept **Deepawali**)

[10h] Usually on the third day of Diwali, Lakshmi is honored with one of these worship ceremonies, during which Lakshmi's idol is cleaned and receives offerings.

ANSWER: **puja** (accept Lakshmi **Puja**)

- 16) **Littleneck clams are traditionally used in this food at Frank Pepe's or Sally's in New Haven, Connecticut. Provel was invented for use on this food in Saint Louis. Discarded automotive drip pans are used to give an (\*) almost-burnt, caramelized texture to this food in Detroit. Giordano's sells a version of this food often compared to a casserole by New Yorkers. For ten points, name this highly variant food with deep dish, stuffed crust, and thin crust types.**

ANSWER: **pizza** (accept **apizza** [ah-PEETZ])

Note: Provel is a processed "cheese" product that was invented in St. Louis and, in the opinion of your question writers, it can stay there.

Bonus 16) Although his three "Master Prints" were made using metal plates, the German printmaker Albrecht Dürer also used printing blocks cut from this natural material to make his prints. For ten points each,

[10e] Name this natural material. Engravings of this material are often made by carving into the end of a block or log of it, against its natural grain.

ANSWER: **wood**

[10m] In one of Dürer's "Master Prints," one of these people rides his horse past the other two title characters, Death and the Devil, while carrying a lance.

ANSWER: **knight** (accept **Knight, Death, and the Devil**; accept **Ritter**, Tod, und Teufel)

[10h] Like the knight, this animal also appears to be covered in plates of armor in a Dürer woodcut print of it. Dürer heard about this Indian animal but did not see one before he depicted it.

ANSWER: **rhinoceros**

- 17) **Pirithous attempted to kidnap this deity, who was also known as "Kore." This deity raised, then feuded with Aphrodite for, the love of Adonis. This deity's capture is central to the Eleusinian Mysteries. The (\*) seasons change because this goddess ate pomegranate seeds, leading her to be separated from her mother Demeter for part of each year. For ten points, name this queen of the underworld who was abducted by Hades.**

ANSWER: Persephone (accept Kore before it is read in the first sentence)

Bonus 17) This poet created his own illustrations for his literature, such as in his "continental prophecies." For ten points each,

[10h] Name this English poet of the paired poems "The Lamb" and "The Tyger," as well as two versions of "The Chimney Sweeper."

ANSWER: William Blake

[10m] Many of Blake's paired poems were contained in two contrasting collections named for these short musical works "of Innocence" and "of Experience."

ANSWER: songs (accept Songs of Innocence; accept Songs of Experience; accept Songs of Innocence and Experience)

[10e] Within *Songs of Experience* is a poem about a tree with this quality, whose apple kills the narrator's rival after being eaten.

ANSWER: poisonous (accept A Poison Tree; accept word forms like poisoned; do not accept "venomous")

- 18) **In 1703, forty-seven of these people avenged the death of their leader in the Ako Incident, one of the three great "revenges" of these people. These people were known as ronin if they were not in service of a (\*) daimyo. These people often obeyed an honor code called bushido and wielded two katanas, until the introduction of guns made their class obsolete. For ten points, name this class of medieval Japanese warriors.**

ANSWER: samurai (accept ronin until it is read in the second sentence; prompt on general answers like "warrior" before "warrior" is read in the last sentence)

Bonus 18) This many electrons can fit into a single molecular orbital, just like in atomic orbitals. For ten points each,

[10m] A single covalent bond is formed by how many total electrons?

ANSWER: two electrons

[10h] In these organic molecules, four electrons are instead shared between two carbon atoms to form a covalent carbon-carbon double bond.

ANSWER: alkenes (accept olefins; prompt on "unsaturated")

[10e] You can get up to six, eight, ten, or even twelve electrons in covalent bonds formed between tungsten and molybdenum, two of these elements. These conductive elements also include silver and gold.

ANSWER: metals (accept transition metals)

- 19) **The C-4 variant of this process is more efficient because it uses P-E-P carboxylase in mesophyll cells instead of RuBisCO [roo-bis-koh] in the thylakoid. N-A-D-P-H and A-T-P are used to fix carbon in this process's (\*) Calvin cycle after its first phase, which harvests energy from light using chlorophyll. This process creates glucose and other nutrients from environmental C-O-2. For ten points, name this process by which plants turn light into food.**

ANSWER: photosynthesis (accept carbon fixation until "fix carbon" is read before the powermark; accept Calvin cycle until it is read after the powermark; accept dark reactions until "Calvin cycle" is read after the powermark)

Bonus 19) In 1618, this war erupted from religious disagreements that included Catholic messengers being thrown out of a window. For ten points each,

[10m] Name this war that involved essentially everyone in central Europe until it ended with the Peace of Westphalia in 1648.

ANSWER: Thirty Years' War

[10h] The Thirty Years' War nearly ended early with a peace agreement signed in this city, but that peace led France to enter the war for territorial gains. More famously, the Thirty Years' War began with the aforementioned defenestration in this city.

ANSWER: Prague

[10e] France entered the Thirty Years' War by allying with this Scandinavian country, which was then led by Axel Oxenstierna ["axle" OX-en-STEER-nah] on behalf of the young Queen Christina from Stockholm.

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

- 20) **This literary character is advised by Moloc, Beliel, and the Stygian Council in his kingdom of Pandemonium. This character says he does not want to serve in Heaven, and transforms into a (\*) serpent when Beelzebub suggests he could defeat Heaven by tempting humans to sin. For ten points, name this former angel who becomes the primary antagonist of Milton's *Paradise Lost* after he rebels against God and becomes king of Hell.**

ANSWER: **Satan** (accept **Lucifer**; prompt on "devil," a term Milton uses generically to mean any evil)

Bonus 20) Every transcendental number is also this type of number. For ten points each,

[10m] Give this term for a number that cannot be written as a fraction, such as pi or the square root of two.

ANSWER: **irrational** numbers

[10h] Transcendental numbers have an even stronger restriction than irrational numbers; they cannot be the solutions to this type of equation if the coefficients are rational numbers.

ANSWER: **polynomials** (accept **polynomial** equations)

[10e] Numbers that are not transcendental are named for a form of this word. More familiarly, this word is the branch of math that deals with equations that involve variables, a step up from arithmetic.

ANSWER: **algebra** (accept **algebraic** numbers)