

Regional Academic Bowl Round 3

Round 3 First Half

(1) Former parson John Chivington led this state's local militia in a massacre of the Cheyenne at Sand Creek. John D. Rockefeller's reputation was hurt following this state's 1914 Ludlow Massacre. The discovery of gold in the South Platte river valley led the Fifty-Niners to move to this state. Katherine Lee Bates penned "America the Beautiful" while admiring the view atop this state's Pike's Peak. For ten points, name this Western U.S. state, in which coal miners settled in Denver.

ANSWER: **Colorado**

(bonus) Answer these questions about three prominent Americans who share a last name. For ten points each,

* This woman, an advocate for the Consumer Financial Protection Bureau, was born in Oklahoma, but later became the first female Senator from Massachusetts and a candidate for the Democratic presidential nomination in 2020.

ANSWER: **Elizabeth Warren**

* While Earl Warren was Chief Justice, the Supreme Court made a landmark decision in what case which determined that the Fifth Amendment's protection against self-incrimination extends to police interrogations?

ANSWER: **Miranda v. Arizona**

* This man is the only person to win Pulitzer Prizes for both fiction and poetry. This Southerner is the author of 1946's *All the King's Men*.

ANSWER: **Robert Penn Warren**

(2) In one story, twelve of these beings weave human intestines before the Battle of Clontarf. Sigurd encounters one of these beings who was cursed with eternal sleep after favoring the wrong king in a war. When the einherjar [[ain-HARE-yar]] were not training for Ragnarök, these beings brought them mead in the halls of Valhalla. For ten points, name this group of Norse warrior women whose name means "chooser of the slain."

ANSWER: **Valkyries**

(bonus) 19th-century Mormon thinkers conflated this mythical figure's "Return" with the resurrection of Jesus Christ. For ten points each,

* Name this god, known as the Feathered Serpent. It is likely apocryphal that Moctezuma II believed Hernán Cortés to be the embodiment of this god.

ANSWER: **Quetzalcoatl** [[ket-sal-koh-AH-tul]]

* Quetzalcoatl is in the pantheon of gods of these Mesoamerican people.

ANSWER: **Aztecs** (accept **Mexica** [[meh-HEE-kah]]; accept **Nahua**)

* Kukulcan is the Mayan equivalent to Quetzalcoatl. The *El Castillo* [[kah-STEE-yoh]] complex of this major Maya city is dedicated to the Feathered Serpent.

ANSWER: **Chichen Itza** [[chee-CHEN eet-SAH]]

(3) The UN keeps an index of the "inclusive" variety of this concept, which includes knowledge, resources, and relationships among more "traditional" valuables. In *Das Kapital*, Karl Marx describes this concept as the accumulation of commodities. Adam Smith wrote a foundational text of classical economics describing [this concept] *of Nations*. For ten points, what six-letter term describes an abundance of financial assets and resources that can be converted into cash value?

ANSWER: **Wealth** (prompt on "money," "property," "revenue," "income," "riches," "capital," "net worth," or similar answers before "Of Nations")

(bonus) This work is the source of the oft paraphrased quote "Since love and fear can hardly exist together, if we must choose between them, it is far safer to be feared than loved." For ten points each,

* Name this sixteenth-century political treatise meant to be read by young nobles and administrators from Renaissance Italy.

ANSWER: *The **Prince*** (or *Il **Principe***)

* *The Prince* was written by this Florentine political theorist.

ANSWER: Niccolo **Machiavelli**

* Machiavelli wrote *Discourses on* this thinker, who wrote a popular *History of Rome* during the reign of Augustus Caesar.

ANSWER: **Livy** (or Titus **Livius**)

(4) If they exist, tachyon particles would violate a key principle of this model. This theory is set in Minkowski space, where Lorentz transformations are used to calculate its effects, such as length contraction. This theory implies the equivalence "E equals mc [[EM-SEE]] squared" and begins by stating that the speed of light is the same for all observers. For ten points, name this physics theory published by Albert Einstein in 1905.

ANSWER: Theory of **Special Relativity** (prompt on "relativity"; do not accept "general relativity")

(bonus) Testing an unknown chemical for the presence of silver begins with preparing one of these mixtures of sodium chloride. For ten points each,

* Name this type of mixture in which a solute like table salt is dissolved in a solvent like water.

ANSWER: **Solution** (prompt on "Homogeneous")

* If silver is present in the unknown, then adding chloride ions will produce one of these insoluble solids which sink to the bottom of the test tube.

ANSWER: **Precipitate** (prompt on "Silver chloride")

* Detecting metal ions in solution by forming precipitates is known as this type of analysis, often contrasted with quantitative analysis.

ANSWER: **Qualitative** inorganic analysis

(5) In this nation, Buzz Windrip creates a paramilitary force called The Minute Men who round up people into concentration camps in the novel *It Can't Happen Here*. The fictional fascist government of this nation relocates their entire Jewish population west in an act called "Homestead 42," a continuation of the original Homestead Act. Charles Lindbergh becomes the right-wing president of, for ten points, what nation in a Philip Roth alternative history novel titled for *The Plot Against* [this nation]?

ANSWER: **America** (accept **USA**; accept **United States** of America)

(bonus) This character, who acts as an omniscient narrator in a Thornton Wilder work, occasionally enters the play's action to control characters including drugstore owner Mr. Morgan. For ten points each,

* Name this fourth wall-breaking narrator who introduces both the playwright and his actors, who intend to act as denizens of the town of Grover's Corners.

ANSWER: The **Stage Manager**

* The Stage Manager appears in this Thornton Wilder play about George Gibbs and Emily Webb.

ANSWER: **Our Town**

* In *Our Town*, Emily Webb is reliving one of these events when she asks, "Does anyone ever realize Life while they live it?" A Harold Pinter play titled for a party during one of these events features presents like a toy drum.

ANSWER: **Birthday** party (accept *The Birthday Party*; accept synonymous answers for "party")

(6) This state's highest peaks include Whitetop Mountain and the nearby Mount Rogers. The world's largest naval base can be found in this state, which also contains the private, evangelical Christian institution, Liberty University, in Lynchburg. This state's flagship public university is located in Charlottesville, while its city of Arlington is home to a major military cemetery, as well as the Pentagon. For ten points, Richmond is the capital of what U.S. state?

ANSWER: Commonwealth of **Virginia**

(bonus) This desert's highest point is the Emi Koussi [[EH-mee KOO-see]] shield volcano nestled in the Tibesti Mountain range. For ten points each,

* Name this largest desert on Earth, situated in North Africa.

ANSWER: **Sahara** Desert

* The Emi Koussi volcano is situated in the northern reaches of this nation, whose namesake lake is shared with Niger, Cameroon, and Nigeria.

ANSWER: **Chad** (accept Lake **Chad**)

* Emi Koussi is capped by two of these features, cauldron-like hollows that form after a volcano's magma chamber empties.

ANSWER: **Calderas**

(7) In spring of 2021, the Chinese probe *Tianwen* is expected to land on this body. The robot helicopter *Ingenuity* is expected to make the first non-Earth powered flight on this body. *Curiosity* and *Opportunity* are two recent pieces of equipment deployed on this body. In 2021, the rover *Perseverance* landed on this body to search for signs of microscopic life. For ten points, name this fourth planet from the sun, often called the Red Planet.

ANSWER: **Mars**

(bonus) This model describes the expansion of the universe. For ten points each,

* What is this model with an alliterative name which describes how the universe expanded from a single, initial point?

ANSWER: **Big Bang** theory

* The Big Bang theory supports an observation that galaxies are moving away from the Earth at speeds proportional to their distance. A law describing this is named for which scientist, who also names one of the largest orbiting space telescopes.

ANSWER: Edwin **Hubble**

* It is theorized that the expansion of the universe is accelerating, an idea attributed to the existence of this unknown form of energy.

ANSWER: **Dark** energy (do not accept "Dark matter")

(8) This is the first word in the title of a movie in which Will commits suicide due to lingering guilt over his wife Abby's death in a bus accident. This is the first word in the title of a film in which a young boy thinks that he has won a tank during a series of games in a concentration camp. This is also the first word in the title of a movie in which a shipwrecked boy traverses the Pacific Ocean with a tiger. For ten points, give this word found in the title of a movie about the fictional writer, Pi Patel.

ANSWER: **Life** (accept *Life Itself*; accept *Life is Beautiful*; accept [/i]**Life** of Pi[/i])

(bonus) This painting depicts the Dibble House in Iowa, owned by the dentist Dr. Byron McKeeby. For ten points each,

* Name this painting depicting a pitchfork-wielding man and a woman in front of a white house.

ANSWER: ***American Gothic***

* *American Gothic* is by this 20th-century artist.

ANSWER: Grant **Wood**

* In a parody of *American Gothic* by Gordon Parks, Ella Watson clutches this object instead of a pitchfork while a mop leans against a flag-covered wall.

ANSWER: **Broom**

Round 3 Halftime

The categories are:

1. The Odyssey
2. Incan Empire
3. Biomes and Ecosystems

The Odyssey

Concerning the ancient Greek epic, *The Odyssey*, name the...

(1) Presumed author of *The Odyssey* as well as *The Iliad*.

ANSWER: **Homer**

(2) Mythical species of Polyphemus, who was blinded by Odysseus.

ANSWER: **Cyclops** (accept **Cyclopes**)

(3) Wife of Odysseus who waited ten years for her husband to return.

ANSWER: **Penelopeia**

(4) Island in the Ionian Sea ruled by Odysseus.

ANSWER: **Ithaca** (or **Ithaki**; or **Ithake**)

(5) Son of Odysseus who plots the downfall of his mother's suitors.

ANSWER: **Telemachus** (or **Tēlemakhos**)

(6) Daughter of King Alcinous who clothes Odysseus but avoids being seen with him.

ANSWER: **Nausicaa**

(7)

ANSWER:

(8)

ANSWER:

Incan Empire

Concerning the Incan Empire, name the...

- (1) Mountain range around which the Incan Empire was centered.

ANSWER: **Andes** Mountains

- (2) Capital of the Inca, sacked following the Battle of Cajamarca [[kah-hah-MAR-kah]].

ANSWER: **Cuzco** (or **Qusqu**)

- (3) Spanish conquistador who overthrew Atahualpa [[ah-tah-WAHL-pah]] in his campaign against the Inca.

ANSWER: Francisco **Pizarro**

- (4) Infrastructure built during the height of the Inca which was used by conscripted runners called *chaski*.

ANSWER: **Roads** (accept Rope **bridges**)

- (5) Language spoken in the Incan Empire that is still spoken by a quarter of Peruvians.

ANSWER: **Quechua** (accept **Runasimi**)

- (6) Last of the post-conquest Incan emperors who was executed by the Spanish in 1572 and took his name from the word for "Shining Serpent."

ANSWER: **Túpac Amaru** (accept either underlined name)

- (7)

ANSWER:

- (8)

ANSWER:

Biomes and Ecosystems

Name the...

(1) Driest biome, which features sand dunes.

ANSWER: **Desert**

(2) Cold, dry biome with minimal tree growth whose Arctic type occurs north of the taiga belt.

ANSWER: **Tundra**

(3) Warm and moist forest biome delineated by lines named for Cancer and Capricorn.

ANSWER: **Tropical** forest (or **Tropical** rainforest; accept the **Tropics**)

(4) Biome dominated by Poaceae [[PO-say-EYE]], exemplified by veld or savanna.

ANSWER: **Grassland**

(5) Ecosystem with partially enclosed brackish water, such as the Chesapeake Bay.

ANSWER: **Estuary**

(6) Marine habitat type with fissures on the seafloor which expel heated water, such as black smokers or white smokers.

ANSWER: Hydrothermal **vent**

(7)

ANSWER:

(8)

ANSWER:

Round 3 Second Half

(1) This author wrote of “an endless fountain of immortal drink” and noted that “a thing of beauty is a joy forever” in his poem “Endymion” [[en-DIM-ee-un]]. A poem by this author begins “my heart aches, and a drowsy numbness pains.” Another of this person's poems calls the title object “thou foster-child of silence and slow time.” This author of the line “beauty is truth, truth beauty” asked “Do I wake or do I sleep?” in “Ode to a Nightingale.” For ten points, name this British poet of “Ode on a Grecian Urn.”

ANSWER: John **Keats**

(bonus) This man is forced to move back in with another man after the untimely death of his wife Mary Morstan from an unspecified disease. For ten points each,

* Name this fictional doctor and sidekick to Sherlock Holmes.

ANSWER: Dr. John **Watson**

* In *A Study in Scarlet*, Watson is infuriated that this agency with which Holmes frequently works claims full credit for a case that Holmes solves.

ANSWER: **Scotland Yard** (do not accept "New Scotland Yard")

* Watson solves multiple mysteries on his own in this Sherlock Holmes story, which is titled for a diabolical dog of mythological origin.

ANSWER: *The* **Hound of the Baskervilles**

(2) A monarch of this nation supposedly broke his sibling’s ankles after she questioned his appointment of a second queen. A five-hour long Japanese invasion of this nation convinced its monarch, Phibun [[FEE-bun]], to join the Co-Prosperity Sphere as an ally. The throne of this nation was ascended in 2016 by a member of the Chakri Dynasty whose regnal title is Rama X [[TENTH]]. For ten points, name this nation, once known as Siam, that has faced ongoing protests in Bangkok.

ANSWER: Kingdom of **Thailand** (accept Ratcha-anachak **Thai**; accept Kingdom of **Siam** before mentioned)

(bonus) Chemical warfare was still a factor in the years after World War One. For ten points each,

* This Italian dictator’s forces broke the Geneva Accords by using poison gas during the 1935-1936 Invasion of Ethiopia.

ANSWER: Benito **Mussolini**

* The USSR used mustard gas against the forces of this modern "Autonomous Community" in China, whose Uyghur [[WEE-ghur]] population revolted in 1937.

ANSWER: **Xinjiang** [[SHIN-JAHNG]]

* The most recent use of mustard gas in open warfare was by this caliphate, which was in conflict at the time with both Kurdish forces and al-Assad loyalists.

ANSWER: **Islamic State** of Iraq and the Levant (accept **Islamic State** of Iraq and Syria; accept **ISIS**; accept **ISIL**; accept **Daesh**)

(3) According to one saying, the "most excellent" version of this activity is "a word of truth in front of a tyrannical ruler." Sayyid Qutb [[sai-IHD KHUT-ub]] controversially claimed that this activity must be offensive, not just defensive. The term for people engaged in this activity also describes those who fought against the Soviet occupation of Afghanistan. "Struggling" is the literal translation of, for ten points, what Arabic word which describes a fight against the enemies of Islam?

ANSWER: **Jihad** (prompt on "mujahideen" or "mujahid")

(bonus) This book details the curse of Ham after he fails to cover his drunk, nude father with a blanket but instead tells his brothers Shem and Japheth. For ten points each,

* Name this Old Testament book of the Bible, which describes the creation of earth and the first man, Adam.

ANSWER: Book of **Genesis** (or **Bereshit**)

* In Genesis, Abraham is commanded by Yahweh to bind and sacrifice this son of his, but is stopped at the last minute by God.

ANSWER: **Isaac** (or **Yishāq**)

* This specific person turns to salt after looking back while fleeing the wicked cities of Sodom and Gomorrah in Genesis 19:26.

ANSWER: **Lot's Wife** (accept Prophet **Lūt's Wife**; accept **Ado**; accept **Edith**)

(4) These structures are rearranged in a behavior known as preening. The first archaeopteryx [[ar-kee-OP-ter-iks]] fossils were notable for being the earliest discovered theropod remains preserving imprints made by these growths. Recent discoveries have shown that dinosaurs such as velociraptors commonly possessed these insulating items. For ten points, name these structures which aid in flight and provide waterproofing and color for birds.

ANSWER: **Feathers** (accept **Plumes** or **Plumage**)

(bonus) The theory of evolution began to take hold in the 19th century, largely through the work of one particular English naturalist. For ten points each,

* Name that scientist who developed his most famous theories during a five-year journey on the HMS *Beagle*?

ANSWER: Charles **Darwin**

* Darwin published his theory of evolution in this groundbreaking 1859 work.

ANSWER: **On the Origin of Species**

* A group of eighteen passerine birds, among those Darwin studied in the Galapagos, are today referred to as "Darwin's [these birds]."

ANSWER: **Finches**

(5) A "Poet Saint" who wrote in this language group describes an "Old Friend's" drowning in a river in the poem "Sighs of the Autumn Rain." Early 20th-century translations of works in this language group were completed by Ezra Pound in his collection *Cathay*, which includes "The River Merchant's Wife." The Moon is described as "a friend" and the shadow "a slave" in a work written in this language group titled "Drinking by Moonlight Alone." For ten points, name this Sinitic language group, spoken today by the ethnic Han.

ANSWER: **Chinese** (accept Mandarin **Chinese**; accept Classical **Chinese**)

(bonus) A member of this profession carries a woman named Yoko from a warehouse on fire. For ten points each,

* Name this profession held by Komako, with whom Shimamura falls in love in the novel *Snow Country*. Women in this profession known for their elaborate garb still entertain guests in modern Japan.

ANSWER: **Geishas** (or **Geikos**; or **Geigis**; accept **Geisha** girl(s); do not prompt on "prostitute" or equivalents)

* *Snow Country* was written by this Japanese Nobel laureate who also wrote *Thousand Cranes*.

ANSWER: Yasunari **Kawabata** (accept **Yasunari**)

* Kawabata wrote the *The Master of* [this East Asian board game], which is composed of white and black pieces called "stones."

ANSWER: **Go**

(6) The complete graph with this many vertices is the first to not be planar [[PLAY-nar]]. Polygons with this many sides make up the faces of the regular dodecahedron [[doh-dek-ah-HEE-drun]]. The golden ratio is equal to "one plus the square root of this number, all over two." This number is the next term in the Fibonacci sequence beginning one-one-two-three. A Pythagorean [[pih-thag-oh-REE-un]] triple is formed by this number, four, and three. For ten points, name this number of sides in a pentagon.

ANSWER: **Five**

(bonus) This medal is sometimes considered the "Nobel Prize for Mathematics." For ten points each,

* What is this award, given every four years to a group of mathematicians under the age of 40.

ANSWER: **Fields** Medal

* Though established in 1936, the Fields Medal has only been given to a person with this status once, in 2014 to Iranian Maryam Mirzakhani. Fifty-nine people with a different status have won the award, as of 2018.

ANSWER: **Woman** (or **Women**; or **Females**)

* Paul Erdős [[EHR-dosh]], an extremely prolific mathematician from this Eastern European nation, notably did not win a Fields Medal. He was once described as "a machine who turns coffee into theorems."

ANSWER: **Hungary** (accept Austria-**Hungary**; accept Austro-**Hungarian** Empire; accept **Magyarország**)

(7) A passage in a concerto, part of this larger piece, uses descending octaves to depict a man skidding across ice. Part of this group of works depicts birds during a storm and a goat herder sleeping in a meadow with his dog. This set of compositions was first published in 1725 as part of its composer's *The Contest Between Harmony and Invention*. For ten points, name this set of four violin concertos by Antonio Vivaldi which includes "Spring" and "Summer."

ANSWER: The **Four Seasons** (or Le **quattro stagioni**)

(bonus) Michel Fokine [[foh-KEEN]] created the choreography for this composer's suite *Scheherazade*. For ten points each,

* Name this Russian composer, a member of the Mighty Five, who wrote *The Tale of Tsar Saltan*.

ANSWER: Nikolai **Rimsky-Korsakov**

* *The Tale of Tsar Saltan* includes a piece titled “The Flight of” this insect, meant to invoke its chaotic flight pattern.

ANSWER: **Bumblebee**

* Walt Disney intended to utilize “The Flight of the Bumblebee” in this 1940 musical film, but cut the segment at the last minute. *Night on Bald Mountain* is used in a segment of this film in which the nocturnal demon Chernabog awakens.

ANSWER: **Fantasia**

(8) This ruler's architect, Odo of Metz, constructed the Germigny-des-Prés [[zher-mih-NYEE deh PREH]] and the Palatine Chapel. After the death of Louis the Pious, this man's territories were divided among his three grandsons in the Treaty of Verdun. This man invited the scholar Alcuin of York to serve his court at Aachen [[AH-kuhn]]. This son of Pepin the Short ascended to his highest position on Christmas day in 800. For ten points, name this Carolingian Frankish king and first Holy Roman Emperor.

ANSWER: **Charlemagne** (accept **Charles the Great**; accept **Charles I**; accept **Carolus Magnus**)

(bonus) Name some things about the demise of Athens during the Peloponnesian War. For ten points each,

* A disastrous invasion of this Mediterranean island led by Nicias [[nih-KEY-us]] and Lamachus [[LAH-mah-cuss]] led to the weakening of Athens in the 410s. It ended with a failed evacuation of this island's city of Syracuse.

ANSWER: **Sicily** (accept **Sicilia** or the **Sicilian Expedition**)

* An Achaemenid [[ah-kah-MEE-nid]] Persian king of this name entered an alliance with Sparta against Athens to facilitate his recapture of Ionia. Another Persian king of this name faced the 490s Ionian revolt shortly before a full-scale invasion of Greece.

ANSWER: **Darius** (or **Darayava**; accept **Darius I**; accept **Darius the Great**; accept **Darius II**)

* Lysander destroyed the Athenian navy at this 405 BC battle on the Hellespont, ending the Peloponnesian War.

ANSWER: Battle of **Aegospotami** [[ee-goh-SPOT-uh-my]]

Extra Question

(1) George Schaller lived among these animals for two years in the Virunga Volcanoes region, recounting his study in the work *The Year of* [this animal]. Francine Patterson taught over 1,000 words via sign language to one of these creatures nicknamed Koko. Encouraged by her mentor, Louis Leakey, Dian Fossey lived among these primates in the forests of Rwanda until her death in 1985. For ten points, name these largest living primates only found in the wild on the continent of Africa.

ANSWER: **Gorillas**

(bonus) Sergei Prokofiev composed a work in this medium based on a Ural folk tale titled *The Tale of the Stone Flower*. For ten points each,

* Name this type of musical work, which includes Prokofiev pieces like *Prodigal Son* and *Cinderella*.

ANSWER: **Ballets**

* Prokofiev is perhaps best known for this "symphonic fairy tale," which features a duck and a cat in addition to the title boy and his canine antagonist.

ANSWER: **Peter and the Wolf** (accept **Pétya i volk**)

* Prokofiev wrote the operatic version of this Russian novel, which is set during the Napoleonic invasion of Imperial Russia.

ANSWER: **War and Peace** (accept **Voyna i mir**)