

Froshmore Champs Replacement Questions – 24-25

SOCIAL STUDIES: This ruler defeated the Knights Hospitaller to conquer the island of Rhodes. This man's wife, * Roxelana, convinced him to kill his son Mustafa for trying to usurp the throne. The Battle of Mohacs was won by what Ottoman Emperor, who expanded the empire all the way to Vienna?

ANSWER: Suleiman the Magnificent [also accept Suleiman I]

BONUS: One epithet given to Suleiman in his life was kanun-i which means what?

ANSWER: Lawgiver [also accept Giver of Laws]

SOCIAL STUDIES: As an infant, this woman was the target of the "rough wooing." Francis Walsingham discovered this woman's involvement in the * Babington Plot against Elizabeth I for which she was executed. Who is this Scottish queen and mother of James I?

ANSWER: Mary Queen of Scots [also accept Mary Stuart; do NOT accept or prompt on Bloody Mary]

BONUS: Elizabeth I's Spymaster Francis Walsingham supported the Singeing the King of Spain's Beard which was led by what privateer known to the Spanish as "the Dragon?"

ANSWER: (Sir Francis) Drake

LITERATURE: It's the story of a shepherd boy who leaves behind his job and family.* He goes in search of his Personal Legend. Name the book by Paulo Coelho where the boy looks for a hidden treasure he believes is buried near the pyramids in Egypt.

ANSWER: The Alchemist

BONUS: Who is the main character in *The Alchemist*?

ANSWER: Santiago

LITERATURE: They sort of make sense, but they're extremely bizarre and hard to follow.* Works in this literary movement are often dreamlike. Describe the literary movement in which the goal is to create something bizarre and disjointed, but still somehow understandable.

ANSWER: surrealism

BONUS: Surrealism became popular after which war, where the people of Europe experienced the devastation of industrialized warfare for the first time?

ANSWER: World War I

FINE ARTS: The first painting in this series was accompanied by a Booth Tarkington essay and

has been used as a meme to describe unpopular opinions. Another work in this series features a woman placing a * cooked turkey on a dinner table and is called *Freedom from Want*. What is this series by Norman Rockwell, named for goals articulated by FDR's 1941 State of the Union address?

ANSWER: Four Freedoms

BONUS: What final painting in the Four Freedoms series depicts a child being tucked into bed while the Blitz rages outside?

ANSWER: Freedom From Fear

HUMANITIES: This author's frequent use of racial slurs and expletives was defended by Wiliam Carlos Williams. Another work by this author depicts a conscientious objector during World War I and is called * "i sing of Olaf, glad and big." Who is this poet of "anyone lived in a pretty how town" who is known for his odd use of punctuation?

ANSWER: (Edward Estlin) Cummings [or E.E.

Cummings, usually written e.e. cummings]

BONUS: Cummings also wrote a morality play in which what figure is driven toward materialism by the figure of Death?

ANSWER: Santa (Claus) [accept any other name of Santa, like St. Nick or Father Christmas etc.; the play is called *Santa Claus: A Morality*]

MATHEMATICS: If the value of the cosine of an angle is positive but the value of the sine of that same angle is negative, then in what quadrant is the angle located?

ANSWER: Fourth (Quadrant)

BONUS: In what quadrant or quadrants is the value of tangent of an angle negative?

ANSWER: Second and Fourth (quadrants) [must give both]

MATHEMATICS COMPUTATION: Shirts are on sale for \$12 and ties are on sale for \$7. Steve bought five shirts and three ties. Sales tax is 9%. How much did he spend?

ANSWER: \$88.29

BONUS COMPUTATION: Dan bought three shirts with three ties and paid the same prices and sales tax. If he paid for the shirts and ties with a fifty dollar bill and a twenty dollar bill, how much change did he receive?

ANSWER: \$7.87

POP/CE: This team secured the second-ever title for the NBA in-season tournament. The team is coached by Doc Rivers*. Which team defeated the Oklahoma City Thunder to win the NBA Cup?

ANSWER: **Milwaukee Bucks** (prompt on Milwaukee)

BONUS: In which city did the NBA Cup finals take place?

ANSWER: **Las Vegas**

POP/CE: Currently playing for Team Vitality, he is a former CS:GO player known for his time in KOVA Esports. Primarily playing duelist in Valorant, who is this player formerly on the Fnatic (fanatic) roster?

ANSWER: **Derke**

BONUS: Valorant has hosted 7 previous Master events in cities like Shanghai, Tokyo, and Reykjavik. Where is the next VCT Masters event taking place?

ANSWER: **Bangkok**

SCIENCE This biome is characterized by low precipitation, extreme temperatures, and organisms adapted to conserve water. Examples include cacti and camels. What is this biome?

ANSWER: **Desert**

BONUS SCIENCE What is the term for plants adapted to dry environments?

ANSWER: **Xerophytes**

SCIENCE This element, found in group 1 of the periodic table, reacts the least violently of the group 1 metals with water to produce hydrogen gas and a strong base. It is the lightest alkali metal and is often stored in mineral oil to prevent oxidation. Name this element with atomic number 3.

ANSWER: **Lithium**

BONUS SCIENCE What is the chemical for the strong base produced when lithium reacts with water?

ANSWER: **lithium hydroxide**