

Name _____

Date _____

Luis Alvarez - Answer Key

Read each question and circle the correct answer.

1. What branch of science did Luis Alvarez fall in love with?

- A. Biology
- B. Botany
- C. Chemistry
- D. Physics

2. Which of these was NOT a use for the radar systems that Alvarez developed during World War II?

- A. Landing aircrafts
- B. Detecting weapons
- C. Finding treasures
- D. Locating targets

3. Luis Alvarez was the first Hispanic American to win the _____ in physics.

- A. Hugo Award
- B. Newbery Award
- C. Pulitzer Prize
- D. Nobel Prize

4. What does the hydrogen bubble chamber do?

- A. It detects subatomic particles.
- B. It makes unbreakable bubbles.
- C. It creates hydrogen.
- D. It destroys hydrogen.

5. Alvarez used cosmic rays to scan pyramids, similar to how _____ are used to scan the human body.

- A. scalpels
- B. monitors
- C. X-rays
- D. ultrasounds

6. Walter Alvarez, the son of Luis Alvarez, worked as a _____.

- A. geologist
- B. physicist
- C. biologist
- D. astronomer

7. What was the middle layer of the three-layered rock found by Walter Alvarez?

- A. Clay
- B. Limestone
- C. Gold
- D. Quartz

8. The rock's clay layer was found to have a huge amount of the element _____.

- A. hydrogen
- B. carbon
- C. barium
- D. iridium

9. Luis and Walter Alvarez believed that the iridium in the clay came from a(n) _____.

- A. star
- B. volcano
- C. asteroid
- D. dinosaur

10. What work did Luis Alvarez think people would most remember him for?

- A. His and his son's Alvarez hypothesis
- B. His scans of an Egyptian pyramid
- C. His development of the hydrogen bubble chamber
- D. His invention of three radar systems