



Name _____ Class _____ Date _____

1 **Deep Space 1** is among a new breed of space probes. Its purpose has been to study the universe using new and potentially risky **technologies** such as _____.



- A nuclear fuel
- B ion rockets that expel charged particles
- C traveling near the speed of light
- D long-lasting metals to build shuttles that are functional for over 100 years

3 The **Apollo** missions were the space flights that eventually allowed the United States to **land on the moon**. **The first purpose of the moon landings was to** _____.



- A study solar wind activity
- B study moonquake activity
- C collect rock samples to study the moon and the

2 What is the name and in what year did the **first human** travel to space?

- A astronaut John Glenn in 1962
- B cosmonaut Yuri Gagarin in 1961
- C astronaut Neil Armstrong in 1969
- D astronaut Sally Ride in 1983

4 In 1972, President Richard Nixon announced to the American public that NASA would begin a **new era** in space exploration. **What would be the unique feature** of this new generation of space flight?



- A rockets would be faster
- B flights would take humans to Mars and beyond
- C the launch vehicle would

5



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7

- A the number of people willing to travel to the moon
- B the amount of time it will take to build a colony on the moon
- C climate control
- D the cost of these concepts versus the financial return



led to the formation of the _____.

- A big crunch theory
- B black hole theory
- C big bang theory
- D expanding universe theory



9

The gold **protective layer** on the visor of the astronauts' headgear protects them from _____.



- A harmful ultraviolet radiation from the sun
- B space debris left over from space travel
- C wind
- D spy satellites

10

Ionizing radiation, **solar protons**, and high energy **electrons** and **protons** are _____.

- A passive forms of light that do not harm astronauts
- B rays from distant stars that help light outer space
- C harmful types of radiation from which astronauts must be protected
- D forms of radiation created by rockets entering outer space





ANSWER KEY

Deep Space 1 is among a new breed of space probes. Its purpose has been to study the universe using new and potentially risky **technologies** such as _____.



- A** nuclear fuel
- B** ion rockets that expel charged particles
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- D** long-lasting metals to build shuttles that are functional for over 100 years

(b)

What is the name and in what year did the **first human** travel to space?

- A** astronaut John Glenn in 1962
- B** cosmonaut Yuri Gagarin in 1961
- C** astronaut Neil Armstrong in 1969
- D** astronaut Sally Ride in 1983

(b)

The **Apollo** missions were the space flights that eventually allowed the United States to **land on the moon**. **The first purpose of the moon landings was to** _____.



- A** study solar wind activity
- B** study moonquake activity
- C** collect rock samples to study the moon and the origins of the earth
- D** strengthen national pride against the Russians

(d)

In 1972, President Richard Nixon announced to the American public that NASA would begin a **new era** in space exploration. **What would be the unique feature of this new generation of space flight?**



- A** rockets would be faster
- B** flights would take humans to Mars and beyond
- C** the launch vehicle would be reusable
- D** fewer astronauts traveling

(c)



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- B** the amount of time it will take to build a colony on the moon
- C** climate control
- D** the cost of these concepts versus the financial return



- A** big crunch theory
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- C** big bang theory
- D** expanding universe theory



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(a)

Ionizing radiation, solar protons, and high energy electrons and protons are _____.

- A** passive forms of light that do not harm astronauts
- B** rays from distant stars that help light outer space
- C** harmful types of radiation from which astronauts must be protected
- D** forms of radiation created by rockets entering outer space



(c)