

Question Sheet

Name: \_\_\_\_\_

Date: \_\_\_\_\_

**“NASA’s *Stardust* Review” Questions**

- \_\_\_ 1. Which of the following is an opinion?
  - a. Its fiery dive lit up the sky.
  - b. Finding out about comets is thrilling.
  - c. *Stardust*’s cargo had more than a million particles.
  - d. *Stardust* grabbed a piece of the comet’s tail.
  
- \_\_\_ 2. What does Simon Green mean when he says, “*Stardust* could provide a new window into the distant past”?
  - a. *Stardust* can give scientists information about American history.
  - b. The windows in *Stardust* provide a view of distant space.
  - c. The dust picked up by *Stardust* could give clues about the origin of the solar system.
  - d. *Stardust* may be able to be used as a time-machine.
  
- \_\_\_ 3. Which of the following is true about comets?
  - a. Comets are made from ice.
  - b. Comets are made from dust.
  - c. Comets can have long dusty tails.
  - d. All of the above.
  
- \_\_\_ 4. An example of an opinion is:
  - a. The scientists burst into applause.
  - b. Most of the particles are less than the width of a human hair.
  - c. It may help scientists understand how life was formed.
  - d. *Stardust* was launched on Feb. 7, 1999
  
- \_\_\_ 5. “Many scientists believe that comets are leftovers from the formation of the sun”. Is this sentence a fact or an opinion? Explain.

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**“NASA’s *Stardust* Review” Answer Sheet**

- F/O 1. Which of the following is an opinion?
- Its fiery dive lit up the sky.
  - Finding out about comets is thrilling.**
  - Stardust*'s cargo had more than a million particles.
  - Stardust* grabbed a piece of the comet's tail.
- FL 2. What does Simon Green mean when he says, “*Stardust* could provide a new window into the distant past”?
- Stardust* can give scientists information about American history.
  - The windows in *Stardust* provide a view of distant space.
  - The dust picked up by *Stardust* could give clues about the origin of the solar system.**
  - Stardust* may be able to be used as a time-machine.
- EI 3. Which of the following is true about comets?
- Comets are made from ice.
  - Comets are made from dust.
  - Comets can have long dusty tails.
  - All of the above.**
- F/O 4. An example of an opinion is:
- The scientists burst into applause.
  - Most of the particles are less than the width of a human hair.
  - It may help scientists understand how life was formed.**
  - Stardust* was launched on Feb. 7, 1999
- F/O 5. “Many scientists believe that comets are leftovers from the formation of the sun.” Is this sentence a fact or an opinion? Explain.

Answers may vary. It is a fact that scientists believe comets are leftovers from the formation of the sun.

*Additional Suggested Vocabulary: wee, glimpse, capsule*