“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.

   ___________________________________________________________
   ___________________________________________________________
   ___________________________________________________________
   ___________________________________________________________
Question Sheet

Name: ___________________________        Date: ____________

“NASA’s Stardust Review” Answer Sheet

F/O  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.

FL  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.

_EL_ 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.

F/O  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

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