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

**Bill Nye Planets**

Answer Bank

**counterclockwise counterclockwise Earth eighty eight ellipse four**

**four hundred fifty gravity Jupiter Mars Mercury Neptune eight Pluto Saturn speeds up two hundred forty eight years**

**Uranus Venus**

Watch Bill Nye’s “Planets” and answer the following questions using the answer bank above.

1. How many planets do we have today (this video was created in 1995)?
2. What is the first planet that is made up of heavy metals in our solar system called?
3. What planet is the hottest in our solar system?
4. What planet has water and an atmosphere?
5. What planet is big, red and dead?
6. What planet is the largest and is mostly a big ball of gas?
7. What planet has rings and 18 moons?
8. What planet is blue and has a very thin newly discovered rings?
9. What planet is icy blue?
10. What planet is farthest from the Sun, and no longer considered a planet?
11. If a rocket left Pluto travelling 1000 mph, how long would it take to reach the Sun?
12. How many theories are there about how the moon was formed?
13. What type of pattern does the Earth’s orbit take around the Sun?
14. What happens to the Earth’s orbit speed as it gets closer to the Sun?
15. Which direction do planets and space particles revolve around the Sun?
16. What is considered the glue that holds our Solar System together?
17. How many days does it take Mercury to orbit around the Sun?
18. How long does it take Pluto to orbit around the Sun?
19. In which direction does the Sun rotate?

Answer Key

1. eight
2. Mercury
3. Venus
4. Earth
5. Mars
6. Jupiter
7. Saturn
8. Uranus
9. Neptune
10. Pluto
11. four hundred fifty
12. four
13. ellipse
14. speeds up
15. counterclockwise
16. gravity
17. eighty eight
18. two hundred forty eight years
19. counterclockwise