Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Bill Nye – Planets Worksheet**

1. Planets revolve around the Sun…

 a. clockwise. b. counterclockwise.

*Match the planet with is scaled distance from the Sun.*

|  |  |
| --- | --- |
| \_\_\_\_\_2. Earth\_\_\_\_\_3. Jupiter\_\_\_\_\_4. Mars\_\_\_\_\_5. Mercury\_\_\_\_\_6. Neptune\_\_\_\_\_7. Saturn\_\_\_\_\_8. Uranus\_\_\_\_\_9. Venus | A. 1,919 metersB. 100 metersC. 152 metersD. 3,006 metersE. 39 metersF. 520 metersG. 72 metersH. 953 meters |

10. Planets shine because they produce their own light.

 a. True b. False

11. All planetary orbits are…

 a. circles. b. ellipses.

12. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ makes the planets go around the Sun in the same direction.

 a. Atomic forces c. Magnetism

 b. Gravity

13. Mars is called the…

 a. green planet. c. red planet.

 b. large planet. d. small planet.

14. Planets closer to the Sun move \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ than those farther away.

 a. faster b. slower

15. Mercury takes \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ days to revolve around the Sun. ***(Enter a number).***

16. Pluto takes \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ years to revolve around the Sun. ***(Enter a number)***