

## A Planetary Puzzle

After completing Chapter 15, give this puzzle a try!

Complete each of the sentences with a vocabulary term from this chapter. The terms written below are clues, but they have lost their vowels and spaces!

- |             |          |                  |
|-------------|----------|------------------|
| 1. STRD     | 7. MRS   | 13. STLLTS       |
| 2. CMT      | 8. MRCRY | 14. STRN         |
| 3. RTH      | 9. MTER  | 15. SLRSSTM      |
| 4. GSGNTS   | 10. MTRT | 16. TRRSTRLPLNTS |
| 5. JPTR     | 11. NPTN | 17. VNS          |
| 6. LWFGRVTY | 12. PLNT |                  |

Match each definition of an astronomical object to the word above. The only problem is that all of the vowels and spaces have been taken out of the words. Place the number of the correct word and write the word correctly in the blank.

1. a massive object orbiting a star, like the Sun \_\_\_\_\_
2. the sun, planets, and their moons, and other objects that are gravitationally bound to the sun.  
\_\_\_\_\_
3. small bodies of matter that orbit larger ones \_\_\_\_\_
4. Known for its rings \_\_\_\_\_
5. It says the force of gravity between objects depends on their masses and the distance between them.  
\_\_\_\_\_
6. Planets like Mercury, Venus, Earth, and Mars. \_\_\_\_\_
7. Farthest away of the true planets \_\_\_\_\_
8. Largest planet \_\_\_\_\_
9. Planets like Jupiter, Saturn, Uranus, Neptune \_\_\_\_\_
10. an object that orbits the Sun but is too small to be considered a planet.  
\_\_\_\_\_
11. an object in space made mostly of ice and dust \_\_\_\_\_
12. a chunk of burning rock traveling through Earth's atmosphere \_\_\_\_\_
13. a meteor that passes through Earth's atmosphere and strikes the  
ground \_\_\_\_\_
14. Only planet know to have life \_\_\_\_\_
15. Hottest planet \_\_\_\_\_
16. Closest planet to the sun \_\_\_\_\_
17. Planet with only two moons \_\_\_\_\_