

\_\_\_\_\_ EARTH AND MOON WORKSHEET

Choose the term that best completes each sentence. Some terms may be used more than once.  
astronomy    phase    moon    lunar    orbit    ellipse  
rotation    revolution    gravity    eclipse    solar

1. The movement of Earth around its axis is called \_\_\_\_\_.
2. A(n) \_\_\_\_\_ occurs when the moon's shadow hits Earth or Earth's shadow hits the moon.
3. The path of the Earth as it travels around the sun is called its \_\_\_\_\_.
4. The \_\_\_\_\_ you see depends on how much of the sunlit side of the moon faces the Earth.
5. A(n) \_\_\_\_\_ eclipse occurs at a full moon when Earth is directly between the moon and the sun.
6. Day and night are caused by Earth's \_\_\_\_\_.
7. \_\_\_\_\_ is the study of the moon, stars, and other objects in space.
8. \_\_\_\_\_ is Earth's natural satellite.
9. \_\_\_\_\_ is the movement of the Earth around the sun.
10. A(n) \_\_\_\_\_ eclipse occurs when the moon passes between Earth and the sun.
11. The force of \_\_\_\_\_ pulls the moon and Earth toward each other.
12. A year is caused by Earth's \_\_\_\_\_.
13. The shape of Earth's orbit around the sun is an(n) \_\_\_\_\_.

Write these answers on the back or on another sheet of paper.

14. What is the difference between a multistage rocket and a single-stage rocket?
15. What is the difference between space shuttles and other rockets?
16. Where have we used the term "phases" in this class before?
17. What phase is the moon in during a lunar eclipse?
18. Why is an extra day added to February every four years?