**Sun-Earth-Moon WS /15**

**Fill in the blank:**

1. The **study** of the moon, stars, and other objects in space is called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. The movement of one object around another object is called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. The imaginary line that passes through Earth’s center and the North and South poles is called \_\_\_\_\_\_\_\_\_\_\_\_\_
4. The path of an object as it revolves around another object in space is called \_\_\_\_\_\_\_\_\_\_\_\_\_
5. The spinning motion of Earth on its axis is called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
6. One complete revolution of Earth around the sun takes about \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ day(s).
7. All objects are attracted to each other by the force of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
8. The tendency of a moving object to continue moving in a straight line or a stationary object to remain in place is called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
9. The times when day and night are of equal length are called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
10. The force that pulls the moon toward Earth is called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

**Short Answer:**

1. Explain the reason we have seasons.
2. What causes day and night?
3. Explain why it is generally warmer near the equator than it is near the poles.