

Name

Date

### How Do the Sun, Earth, and Moon Interact?

1. Earth rotates on its axis once every 24 hours. **What is the result of Earth's rotation?**
  - a. the seasons
  - b. night and day
  - c. the moon's phases
  
2. Earth revolves around the sun. How long does it take for Earth to complete **one revolution?**
  - a. one day
  - b. one week
  - c. 365 days

3. The \_\_\_\_\_ is a **hot, glowing ball** of gas.

- a. moon
- b. earth
- c. sun

4. As the Earth orbits the Sun, the **amount of sunlight** each location on the planet gets everyday changes slightly. This **change causes** \_\_\_\_\_.

- a. the seasons
- b. night and day
- c. the moon's phases

5. When one of the hemispheres **tilts toward the sun**, it has \_\_\_\_\_.

- a. spring and winter
- b. spring and summer
- c. fall and spring

6. When it is **spring** in the **Northern Hemisphere**, the season is \_\_\_\_\_ in the **Southern Hemisphere**.

a. summer

b. fall

c. winter

7. Which **force** pulls on Earth and holds it in **orbit around the sun**?

a. Sun's gravity

b. Earth's gravity

c. Moon's gravity

8. Earth rotates around an **imaginary line** called \_\_\_\_\_.

a. axis

b. pole

c. equator

9. How are **summer** and **winter** different where you live?

10. How is **Earth** different from the **moon**?