

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**?