

Name _____ Date _____

***Science Homework* Chapter 12 - Exploring Space**

Directions: **Reread pages 288 and 289** in the science book. Then complete the sentences below. **Have your parent sign the bottom of the page when complete.**

Heading What Causes Earth's Seasons?

Subheading Earth's Tilted Axis

1. What causes day and night?
 - A. Earth revolving around the Sun
 - B. Earth rotating on its axis
 - C. the Northern and Southern Hemisphere
2. What causes the seasons?
 - A. Earth revolving around the Sun
 - B. Earth rotating on its axis
 - C. Northern & Southern Hemispheres
3. The Earth always rotates.
 - A. true
 - B. false
4. What is another word for rotate?
 - A. revolve
 - B. tilts
 - C. spins
5. Which sentence below is not true about the Earth's axis?
 - A. The Earth's axis is an imaginary line.
 - B. The Earth's axis runs from the North Pole through the center down to the South Pole.
 - C. The Earth's axis is straight up and down.

Why is the sentence that you chose not true? _____

6. It takes the Earth 23 hours and 56 minutes to rotate on its axis one time. This time period is what we call a _____.

7. What happens to different parts of the Earth as it rotates on its axis?

- A. the same parts always face the Sun
- B. different parts face the Sun
- C. some parts never face the Sun

8. As the Earth rotates, the part facing the Sun has _____. The part facing away from the Sun has _____.

9. At the same time that the Earth is rotating on its axis, the Earth is also _____ the Sun. It takes _____ days to go around the Sun.

10. The tilt of the Earth's axis causes the _____. It is _____ when part of the Earth tilts towards the Sun. It is _____ when part of the Earth tilts away from the Sun.

**I checked over my child's science lesson. _____