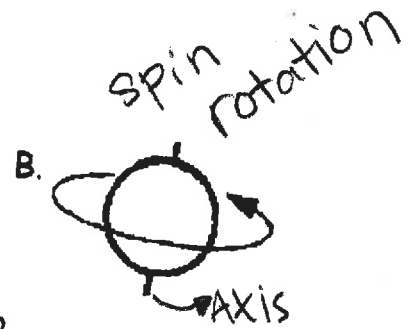
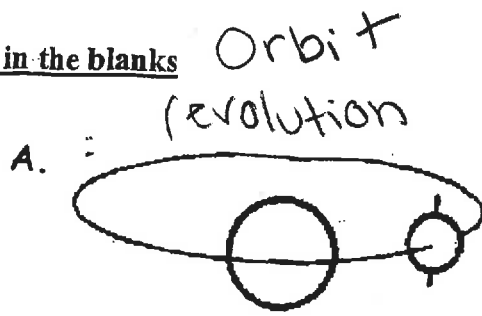


Part 3 Fill in the blanks



- Which of these drawings shows a planet rotating? B
- Which of these drawings shows a planet revolving? A
- How long does it take for the Earth to rotate once on its own axis? 23 hrs 59 min 4 sec
- What is it called each time a planet rotates once? rotation
- How long does it take Earth to revolve around the Sun? 365 days / 1 year
- What is it called each time the Earth revolves around the Sun? revolution
- The SUN is the center of the Solar System.
- The MOON revolves around the Earth.
- The Earth revolves around the SUN.
- The revolution of the moon around the Earth causes the phases of the moon.
- How long does it take the moon to go through all the phases? 1 month
- Why do we have day and night?

We have day + night because Earth rotates. Daytime (we face the SUN) / nighttime (away from the SUN)

- What causes the phases of the moon?

The orbit of the moon around the Earth revolution. the moon cannot support life. No breathable atmosphere

Satellite - something that orbits a planet. orbit - the path earth follows around the sun.

Summer - sun is the hottest + the highest winter - sun is



Retaking  
next week  
tuesday

Name \_\_\_\_\_

The Sun, Moon, and Earth  
Study Guide

**Part 1 T and F**

In the blank write T if the statement is true and F if the statement is false.

F The Moon makes its own light. - sun reflects off moon's surface.

F The tilt of the Earth's axis causes a solar eclipse. - caused by moon blocking the sun

F The Moon has more mass than the Earth. - earth has more mass

T The Sun is the closest star to the Earth.

F The Moon rotates but does not revolve. - It rotates + revolves.

T The imaginary line that runs through the North and South Pole is called an axis.

T The U.S. is located in the Northern Hemisphere.

**Part 2 Multiple Choice**

Circle the best answer.

1. How long does it take the Earth to rotate once on its axis?

- A. A day      C. A week     24 hrs
- B. A month      D. A year     23 hrs 59 min 4 sec

2. How long does it take the Earth to revolve around the Sun?

- A. One day.      C. Seven days.     revolution
- B. 30 days      D. 365 days     365.266 days

3. How long does it take the Moon to go through all the phases?

- A. A day      C. A week
- B. A month      D. A year

4. On the side of the Earth that faces the Sun, it is

- A. Day      C. Sunrise     Bright when faces the sun (DAY)
- B. Night      D. Sunset     DARK when it is not facing the sun (NIGHT)

5. The Sun is

- A. Larger than the Earth      C. The center of the Solar System
- B. Larger than the Moon.      D. All of the above