



## Revolution and Rotation

NAME: \_\_\_\_\_

1) It takes \_\_\_\_\_ for the earth to revolve around the sun.

- A) 24 hours
- B) 12 hours
- C) 30 days
- D) 365 days

2) Which of the following best describes the Earth's movement around the sun?

- A) The Earth is closer to the sun in Summer than in Winter.
- B) The Earth moves in a circular pattern around the Moon.
- C) The Earth's axis moves back and forth, resulting in different seasons.
- D) The Earth moves in an elliptical orbit around the sun.

3) The seasons change because \_\_\_\_\_

- A) the earth rotates.
- B) the moon orbits the earth at a tilt.
- C) the earth orbits the sun at a tilt.
- D) the sun orbits the earth.

4) It takes \_\_\_\_\_ for the earth to make one complete rotation on its axis.

- A) 24 hours
- B) 12 hours
- C) 30 days
- D) 365 days

5) Draw a diagram to show the revolution of the earth and the moon's orbit. Include and label the earth, moon, and sun.

6-14) Decide whether each of the statements below is describing revolution or rotation, then color.

Revolution = Red

Rotation = Yellow



When it is daytime in one area of the world, it is nighttime on the opposite side of the world.	Countries near the equator do not have much seasonal change because their location are always close to the sun.	The earth spins at a constant speed in the same direction.
The sun appears lower in the sky during Winter because the earth is tilted away from the sun.	The sun appears to rise in the east and set in the west.	During the Spring and Summer seasons in our country, our part of the earth is tilted toward the sun on its axis.
The seasons change as the earth orbits the sun.	The earth spins on an axis.	Shadows are shortest in the summer time because the earth is tilted directly toward the sun.