2.6.D.1.c. Identify and describe the general pattern of movement of all objects in our solar system

Name: __________________________________________ Date: __________________ Period: __________

1. What motion of Earth causes day and night?
   a. Rotation
   b. Revolution
   c. None of the above
   d. Both A and B

The diagram below represents the relationship among Earth, the sun, and the moon.

2. Which statement best describes the orbit of Earth around the sun?
   A. Earth’s orbit changes every year.
   B. Earth’s orbit takes about 365 days, or one year.
   C. Earth’s orbit takes about 30 days to complete.
   D. Earth’s orbit takes about 24 hours to complete.

3. Saturn has an orbit that goes around __________.
   A. the Earth
   B. the sun
   C. the moon
   D. Mercury

4. As a planet’s distance from the sun decreases, the period of revolution
   A. increases
   B. decreases
   C. stays the same
   D. fluctuates

5. What force is keeping the planets in a revolving motion?
   A. friction
   B. gravity
   C. electricity
   D. magnetism

6. Which statement best describes the motion of the planets in our solar system?
   A. The sun revolves around the planets.
   B. The planets rotate around the sun.
   C. The sun rotates around the planets.
   D. The planets revolve around the sun.
2.6.D.1.c. Identify and describe the general pattern of movement of all objects in our solar system

Name: ____________________________ Date: ______________ Period: __________

7. Give a synonym for rotation_____________________. Give a synonym for revolution __________________.