Solar System Videos

Name: _____ **Date:** _____

1. What did people used to be believe was located at the center of the universe?

   A. The Sun

   B. The Milky Way Galaxy

   C. The Earth

   D. The Moon

2. Which of the following mathematicians/scientists was the first to propose that the Earth revolved around the Sun?

   A. Nicolaus Copernicus

   B. Johannes Kepler

   C. Galileo Galilei

   D. Issac Newton

3. According to Kepler's first law, where is the Sun located in relation to a planet's orbit?

   A. At the center of the orbit

   B. At the end of the major axis of an elliptical orbit

   C. At the end of the minor axis of an elliptical orbit

   D. At one focus point of an elliptical orbit

4. According to Kepler's second law, which of the following is true about the speed at which a planet orbits the Sun?

   A. The speed of a planet as it orbits the Sun is constant.

   B. The speed of a planet is faster when it is farther away from the Sun.

   C. The speed of a planet is slower when it is closer to the Sun.

   D. The speed of a planet is slower when it is farther away from the Sun.

5. According to Kepler's third law, which planet would take the longest time to orbit the Sun?

   A. Mercury B. Mars

   C. Earth D. Jupiter