

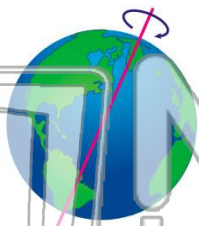


Name _____ Class _____ Date _____

1

The **spinning motion** of the earth on its axis is called _____.

- A rotation
- B revolution
- C orbit
- D period of revolution

**2**

The **period of revolution** of the earth is _____.

- A 1 day
- B 365 days
- C 30 days
- D 28 days

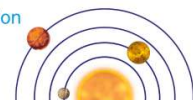
**3**

In the 1600s, **Johannes Kepler** discovered that the planet Mars does not travel in a circle around the Sun. Instead, the path it travels is an **ellipse** (which looks like an elongated circle) in which the Sun is one of the two foci of the ellipse.

4

Kepler's **second law of motion** states that _____.

- A planets move faster when they are further

**5**

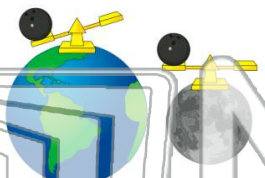
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7

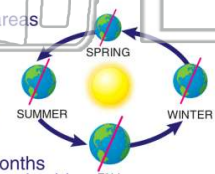
pounds on earth, what is its weight on the **moon**?

- A 2 pounds
- B 12 pounds
- C 24 pounds
- D none of the above

**9**

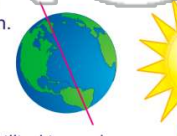
In terms of the seasons, areas near the **equator** experience _____.

- A dramatic seasonal shifts from hot to cold
- B several months of sunlight followed by months of complete darkness and cold
- C high temperatures and the same amount of sunlight, with little variation, throughout the year
- D seasonal fluctuations of very hot to cool temperatures

**10**

During the summer in the Southern Hemisphere, the **Northern Hemisphere** is experiencing _____ the sun.

- A longer days and higher temperatures because it's tilted away from
- B longer days and higher temperatures because it's tilted toward
- C shorter days and lower temperatures because it's tilted away from
- D shorter days and lower temperatures because it's tilted toward





The Sun-Earth-Moon System

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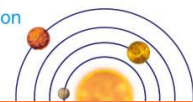
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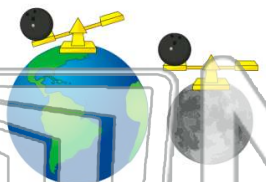
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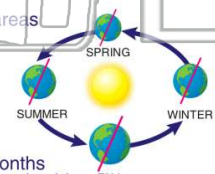
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