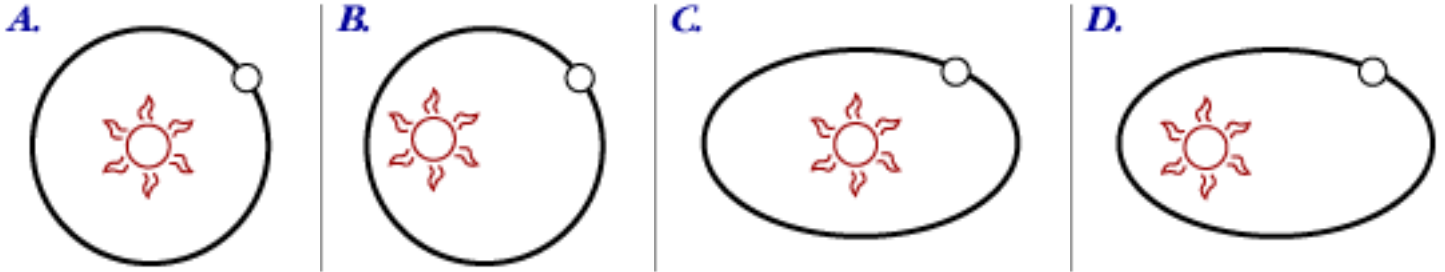


NAME: _____

1. Which of the following four diagrams most accurately depicts the shape of Earth's orbit around the Sun?



(hidden)

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2. Which of the following responses most closely explains why it is hotter in New York in June than it is in December?

- A. The Sun gives off more heat energy in June.
- B. Earth is closer to the Sun in June.
- C. The Northern Hemisphere is closer to the Sun in June.
- D. The Sun is higher in the sky and provides more hours of daylight in June.

3. Put the following objects in the correct order, starting with the object that is closest to Earth.

- A. Moon, Sun, clouds, Pluto, stars
- B. Clouds, stars, Moon, Sun, Pluto
- C. Clouds, Moon, Sun, Pluto, stars
- D. Clouds, Moon, Sun, stars, Pluto

4.

Sometimes the Moon looks like this



And sometimes the Moon looks like this



What causes the Moon to change its appearance in this way?

- A. As the Moon orbits Earth, Earth's shadow covers the Moon.
- B. Clouds block part of the Moon from our view.
- C. As the Moon orbits Earth, we see different views of the Moon's sunlit side.

5- Which of the following diagrams most closely depicts the distance between Earth and the Moon?



Assumption: Earth spins on its axis once every 24 hours and orbits the Sun every 365 days.

1. How often does the Moon spin on its axis?

- Not at all
- Once every 24 hours
- Once in 28 days

2. How often does the Moon orbit around Earth?

- Not at all
- Once every 24 hours
- Once in 28 days