

**Ch. 12 Lesson 2 Review**

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**1) Earth Data**

Diameter:	12,742 km
Average distance from Sun:	J
Period of rotation:	K
Period of revolution:	L
Number of moons:	1

Which values correctly complete the table above?

- A)** J: 0.72 AU; K: 244 days; L: 225 days
  - B)** J: 0.39 AU; K: 59 days; L: 88 days
  - C)** J: 1.00 AU; K: 24 hours; L: 365 days
  - D)** J: 1.52 AU; K: 24.6 hours; L: 1.88 years
- 2) How is Venus similar to Earth?**
- A)** Both have a solid inner core and a liquid outer core.
  - B)** Both have ample water on their surfaces.
  - C)** Both have the same day length.
  - D)** Both rotate in the same direction.
- 3) Which of the inner planets is the largest?**
- A)** Mercury
  - B)** Venus
  - C)** Earth
  - D)** Mars
- 4) Compared to Earth's moon, the moons of Mars are**
- A)** smaller in size.
  - B)** equal in size.
  - C)** made of different substances.
  - D)** larger in size.

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5) Examine the following table containing the eccentricity values for four planets.

Table 1 | Eccentricity of Planets' Orbits

<b>Planet</b>	<b>Eccentricity</b>
Planet A	0.206
Planet B	0.564
Planet C	0.753
Planet D	0.012

According to Table 1, which planet has the most elliptical orbit? (See "Describe Gravity and Orbits" classwork for help)

- A) Planet A
- B) Planet C
- C) Planet D
- D) Planet B