

**Question 1: the kuiper belt and oort cloud form its outermost regions, extending up to \_\_\_\_\_ au (astronomical units) from the sun .**

- A) 300,000
- B) 100,000
- C) 30,000
- D) 200,000

Correct Answer: B

**Question 2: it includes \_\_\_\_\_ planets, ranging from the rocky earth (12,742 km in diameter) to the gas giant jupiter (139,820 km in diameter), which is the largest planet.**

- A) Seven
- B) Four
- C) eight
- D) Nine

Correct Answer: C

**Question 3: the solar system is a vast cosmic neighborhood centered around the sun, a massive star that contains \_\_\_\_\_% of the system's total mass.**

- A) 99.8
- B) 99.9
- C) 99.7
- D) 98

Correct Answer: A

**Question 4: the planets orbit the sun at varying distances, with mercury being the closest (\_\_\_\_\_ million km) and neptune the farthest (4.5 billion km)in addition to planets, the solar**

**system features moons (more than 200), dwarf planets like pluto (2,377 km in diameter), and countless asteroids and comets.**

A) 67.45

B) 59.07

C) 58.19

D) 57.9

Correct Answer: D