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## Exercise D4: Trans-Neptunian Objects

Student name: \_\_\_\_\_ Class: \_\_\_\_\_ Date: \_\_\_\_\_

*Check the box with the correct answer.*

**Question 1:** Which of the following objects was the first KBO to be discovered?

- a. Neptune
- b. Pluto
- c. Quaoar
- d. Varuna

**Question 2:** The eccentricity of Sedna's orbit is:

- a. 0.0855
- b. 0.127
- c. 0.855
- d. 0.928

**Question 3:** Why was Sedna originally thought to be an Oort Cloud Object? Hint: Use the Angular Separation Tool.

- a. Its orbit is highly eccentric.
- b. Its aphelion distance is close to the inner limit of the cloud.
- c. It has a very inclined orbit.
- d. It has a period of over 12 000 years.