

**1. How is Pluto different from Planet X?**

- a. Planet X was never discovered; Pluto was
- b. Planet X is a gas giant; Pluto is a dwarf planet
- c. Planet X has several moons; Pluto has no moons
- d. Planet X contains single-celled life forms; Pluto does not

**2. Why is Pluto no longer considered a planet?**

- a. Its orbit is too irregular
- b. Its orbit is too far away from the sun
- c. It isn't large enough
- d. It orbits Neptune, not the sun

**3. Place the following in order, from closest to furthest away: A) The scattered disc; B) The Kuiper Belt; C) The Oort cloud**

- a. A, B, C
- b. C, B, A
- c. B, A, C
- d. C, A, B

**4. What can you infer about the Kuiper Belt from the objects that orbit within it?**

- a. It's very small
- b. It's very cold
- c. It's very dense
- d. It's very close to Neptune

**5. How is Orcus different from Charon?**

- a. Orcus orbits the sun; Charon orbits Pluto
- b. Orcus is a dwarf planet; Charon is a Kuiper Belt object
- c. Orcus is a comet; Charon is a trans-Neptunian object
- d. Orcus is very large; Charon is very small

**6. Place the following objects in order, according to size: A) Earth; B) Pluto; C) Eris**

- a. A, C, B
- b. B, A, C
- c. C, A, B
- d. A, B, C

**7. Which of the following objects most likely originated in the Oort Cloud?**

- a. Eris
- b. Pluto
- c. Comet Hale-Bopp
- d. Varuna

**8. What is the difference between the termination shock and the heliopause?**

- a. The termination shock slows the solar wind and the heliopause stops it
- b. The heliopause slows the solar wind and the termination shock stops it
- c. Sunlight is not visible from the heliopause; it is visible from the termination shock
- d. Sunlight is not visible from the termination shock; it is visible from the heliopause

**9. What do the Voyager and Pioneer probes have in common?**

- a. They've both passed the heliopause
- b. They were all launched during the 1980s
- c. They've all been very easy to track
- d. They're all unmanned spacecraft

**10. If you had a spaceship that could travel at the speed of light, how long would it take you to reach the Oort cloud?**

- a. About a year
- b. About six months
- c. About a month
- d. About a week