



PLUTO AND THE DWARF PLANETS QUIZ

If you get stuck, all the information you need to answer the questions is in your *Zoom Into Space Pluto and the Dwarf Planets* book. Enjoy the quiz!

- 1: **What is Pluto?**
 - a) A planet
 - b) A dwarf planet
 - c) An asteroid
- 2: **How wide is Pluto?**
 - a) 1,430 miles (2,302 km) wide
 - b) 250 miles (402 km) wide
 - c) 600 miles (966 km) wide
- 3: **How long does it take Pluto to rotate, or spin around, once?**
 - a) About 203 Earth days
 - b) About 6.5 Earth days
 - c) 2 Earth hours
- 4: **How long is a year on Pluto?**
 - a) Nearly 10 Earth years
 - b) About 1 million Earth years
 - c) Nearly 248 Earth years
- 5: **What is the surface of Pluto like?**
 - a) Covered by a sea of boiling water
 - b) Covered with ice
 - c) Rocky with volcanoes blasting icy liquid into the sky
- 6: **How many moons have scientists discovered orbiting Pluto?**
 - a) 22
 - b) 10
 - c) 5
- 7: **What is the name of Pluto's largest moon?**
 - a) Makemake
 - b) Mickey
 - c) Charon
- 8: **Who or what is Pluto named after?**
 - a) A famous cartoon character
 - b) A dog belonging to the scientist who discovered Pluto
 - c) The Roman god of the underworld and afterlife
- 9: **When was Pluto discovered?**
 - a) 1930
 - b) 1890
 - c) 2001
- 10: **Which statement is false?**
 - a) Pluto is larger than Mars.
 - b) Pluto used to be called a planet.
 - c) Charon is about half the size of Pluto.
- 11: **Which of these statements is true?**
 - a) *New Horizons* is a space probe launched in 1930.
 - b) *New Horizons* is the telescope used to discover Pluto.
 - c) *New Horizons* is a probe that will reach Pluto in 2015.
- 12: **How many dwarf planets have been discovered so far?**
 - a) 3
 - b) 5
 - c) 12
- 13: **Which dwarf planet is closest to the Sun?**
 - a) Ceres
 - b) Pluto
 - c) Eris
- 14: **How big is Ceres?**
 - a) It is almost as wide as the United States.
 - b) It is bigger than Earth.
 - c) It is almost as wide as Texas.
- 15: **What is the Kuiper Belt?**
 - a) A group of asteroids between Mars and Jupiter
 - b) A ring of moons circling Pluto
 - c) An area where Pluto and other dwarf planets orbit the Sun
- 16: **Which of these statements is true?**
 - a) Ceres is both a dwarf planet and an asteroid.
 - b) Ceres orbits the Sun in the Kuiper Belt.
 - c) Ceres is farther from the Sun than Pluto.
- 17: **What shape is the dwarf planet Haumea?**
 - a) Egg-shaped
 - b) Shaped like a lumpy potato
 - c) Banana-shaped
- 18: **Which statement is true?**
 - a) Haumea has two known moons.
 - b) Haumea has no moons.
 - c) A year on Haumea lasts for 307 Earth years.
- 19: **Which statement is false?**
 - a) The surface of Makemake is covered with ice.
 - b) Makemake is a dwarf planet.
 - c) A year on Makemake lasts for 283 Earth years.
- 20: **Which dwarf planet travels farthest from the Sun?**
 - a) Pluto
 - b) Eris
 - c) Makemake

1: b 2: a 3: b 4: c 5: b 6: c 7: c 8: c 9: a 10: a 11: c 12: b 13: a 14: c 15: c 16: a 17: a 18: a 19: c 20: b

ANSWERS