



# JUPITER QUIZ

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

- 1: What is Jupiter?**
  - a) A star
  - b) An asteroid
  - c) A planet
- 2: Which statement is true?**
  - a) Jupiter is the closest planet to the Sun.
  - b) Jupiter is the farthest planet from the Sun.
  - c) Jupiter is the fifth planet from the Sun.
- 3: How long is a year on Jupiter?**
  - a) Nearly 12 Earth years
  - b) About 22 Earth days
  - c) Just under one Earth year
- 4: Which statement is true?**
  - a) Jupiter is rocky and covered with mountains.
  - b) Jupiter does not have a solid surface.
  - c) Jupiter is covered with rivers and forests.
- 5: What is the Great Red Spot?**
  - a) A giant storm
  - b) A large, erupting volcano
  - c) A huge, dusty desert
- 6: Which of these statements is false?**
  - a) Jupiter's atmosphere is made of water.
  - b) Scientists think that the center of Jupiter may be a solid, rocky ball.
  - c) Jupiter's atmosphere is made up of gases and clouds.
- 7: How long does it take Jupiter to rotate, or spin around, once?**
  - a) 3,000 Earth days
  - b) Nearly 10 Earth hours
  - c) 2 Earth hours
- 8: How many moons does Jupiter have?**
  - a) At least 67
  - b) 0
  - c) 5
- 9: Who or what is Jupiter named after?**
  - a) A car that was produced in 1933
  - b) The king of the Roman gods
  - c) The Greek god of the sky
- 10: Which of these statements is false?**
  - a) Jupiter's moon Io is home to more than 400 volcanoes.
  - b) The surface of Jupiter's moon Europa is covered with a frozen ocean.
  - c) Jupiter's moon Europa is the hottest object in the solar system.
- 11: How many astronauts have flown to Jupiter?**
  - a) 10
  - b) 5
  - c) 0
- 12: Which of these statements is false?**
  - a) *Galileo* is a space probe that orbited Jupiter for nearly eight years.
  - b) *Galileo* is a space probe that sent a smaller probe into Jupiter's atmosphere.
  - c) *Juno* is the name of one of Jupiter's moons.
- 13: How were the craters on Jupiter's moon Callisto formed?**
  - a) By space probes crashing into the moon
  - b) By asteroids and other rocky space objects hitting the moon
  - c) By eruptions of frozen water and gases from within the moon
- 14: Which statement is true?**
  - a) You need a telescope to see Jupiter in the sky.
  - b) It is possible to see Jupiter in the sky without a telescope.
  - c) Jupiter was first discovered in 1927.
- 15: Which statement is false?**
  - a) Jupiter's moon Ganymede is bigger than the planet Mercury.
  - b) Jupiter has four rings circling it.
  - c) Jupiter's four largest moons are shaped like lumpy potatoes.
- 16: What was the name of the first spacecraft to fly past Jupiter?**
  - a) *Pioneer 10*
  - b) *Zeus 13*
  - c) *Titanic 2*
- 17: Which statement is true?**
  - a) Jupiter is larger than Earth but smaller than the Sun.
  - b) Jupiter is larger than the Sun.
  - c) Jupiter is about the same size as Earth.
- 18: What causes Jupiter's clouds to swirl in colorful patterns?**
  - a) Huge fans built by aliens
  - b) Gases in Jupiter's atmosphere
  - c) Winds caused by space probes flying through Jupiter's atmosphere
- 19: How old is the Great Red Spot storm?**
  - a) At least 400 years old
  - b) Four years old
  - c) 40 years old
- 20: What will the space probe *Juno* do?**
  - a) Allow scientists to see beneath Jupiter's clouds
  - b) Carry astronauts to Jupiter
  - c) Land on each of Jupiter's moons

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

**ANSWERS**