



# MERCURY QUIZ

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

- 1: **What is Mercury?**
  - a) A comet
  - b) A planet
  - c) A star
- 2: **Which statement is true?**
  - a) Mercury is the closest planet to the Sun.
  - b) Mercury is the farthest planet from the Sun.
  - c) Mercury is the third planet from the Sun.
- 3: **What is the surface of Mercury like?**
  - a) Rocky and covered with craters
  - b) Crisscrossed with rivers called canals
  - c) Covered with large oceans filled with boiling-hot water
- 4: **How long is a year on Mercury?**
  - a) 3,000 Earth days
  - b) 2 Earth hours
  - c) 88 Earth days
- 5: **How large is Mercury's biggest crater, the Caloris Basin?**
  - a) Large enough to fit the entire state of Texas inside
  - b) Large enough to fit the entire nation of Canada inside
  - c) Large enough to fit the Pacific Ocean inside
- 6: **Which of these statements is false?**
  - a) Mercury is the smallest planet in the solar system.
  - b) Mercury has an atmosphere like Earth's.
  - c) Mercury is slightly larger than Earth's Moon.
- 7: **How long does it take Mercury to rotate, or spin around, once?**
  - a) 1,408 Earth hours
  - b) 23 Earth hours
  - c) 1 Earth hour
- 8: **How many moons does Mercury have?**
  - a) 3
  - b) 0
  - c) 5
- 9: **Who is Mercury named after?**
  - a) The inventor of the thermometer
  - b) The Roman messenger of the gods
  - c) A Marvel superhero who can change her shape
- 10: **Which of these statements is false?**
  - a) There is ice at the bottom of craters on Mercury.
  - b) The Sun appears smaller from Mercury than from Earth.
  - c) During the day, some metals would melt on Mercury.
- 11: **How many astronauts have landed on Mercury?**
  - a) 4
  - b) 2
  - c) 0
- 12: **Which of these statements is false?**
  - a) *Messenger* is the name of a space probe.
  - b) *Messenger* landed on Mercury.
  - c) *Messenger* is in orbit around Mercury.
- 13: **What happens during a transit?**
  - a) Astronauts are beamed onto Mercury.
  - b) A large object in space passes in front of a smaller one.
  - c) A small object in space passes across the face of a larger object.
- 14: **How were the craters on Mercury formed?**
  - a) By asteroids, meteoroids, and comets hitting the planet's surface
  - b) By spacecraft crashing onto the planet
  - c) By aliens digging holes
- 15: **How long did it take *Messenger* to reach Mercury?**
  - a) 3 weeks
  - b) 24 hours
  - c) Six and a half years
- 16: **Which of the following did *Messenger* discover on Mercury?**
  - a) An alien spacecraft
  - b) Huge cliffs on the planet's surface
  - c) Trees and other plants
- 17: **Which statement is true?**
  - a) At night, Mercury is very cold.
  - b) During the day, Mercury is very cold.
  - c) Lots of rain falls on Mercury.
- 18: **What color is Mercury's sky?**
  - a) Red
  - b) Blue
  - c) Black
- 19: **Which statement is false?**
  - a) Space probes have visited Mercury.
  - b) Ancient people could see Mercury in the sky.
  - c) Mercury is the same size as Earth.
- 20: **Which statement is true?**
  - a) Mercury's journey around the Sun is shorter than Earth's.
  - b) Mercury's journey around the Sun is longer than Earth's.
  - c) Mercury's journey around the Sun is the same as Earth's.

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

ANSWERS