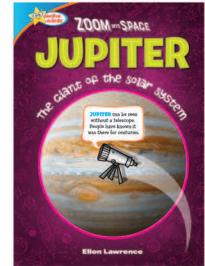




ZOOM INTO SPACE

JUPITER QUIZ!

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

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?

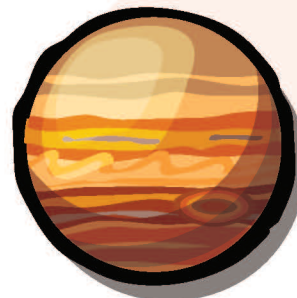
- a) At least 79
- b) 0
- c) 5

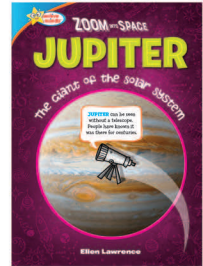
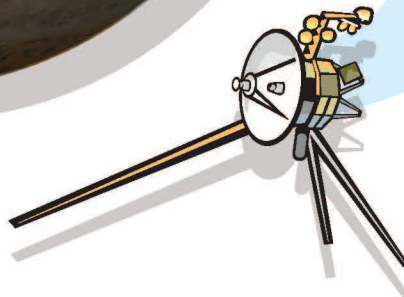
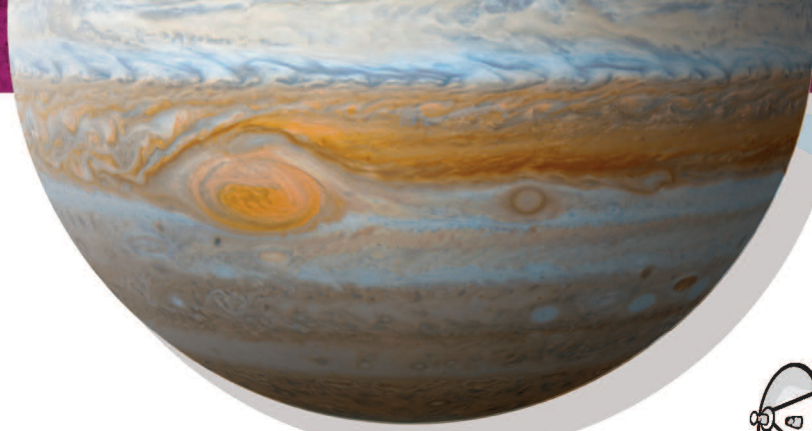
9: Who or what is Jupiter named after?

- 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.





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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 did 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

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

ANSWERS