

Name: \_\_\_\_\_ Date: \_\_\_\_\_

### Planet Jupiter Multiple Choice Questions

Circle the correct answer.

1. How many planets are closer to the Sun than Jupiter?
  - a. Two
  - b. Three
  - c. Four
  - d. Five
  
2. With respect to the size of planets in the solar system, Jupiter is
  - a. The largest
  - b. The smallest
  - c. The same size as Earth
  - d. Smaller than Earth
  
3. All the planets rotate on an axis but Jupiter's rotation is
  - a. The slowest
  - b. The fastest
  - c. The same as Earth
  - d. Slower than Earth
  
4. The surface of Jupiter is made up of
  - a. Rocks
  - b. Rocks and soil
  - c. Soil and water
  - d. None of the above
  
5. The bands of colored clouds that surround Jupiter are called
  - a. Belts
  - b. Zones
  - c. Both a. and b. above
  - d. None of the above
  
6. How many moons does Jupiter have?
  - a. One
  - b. Four
  - c. Eight
  - d. Sixteen



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### Planet Jupiter Short Answer Questions

1. There are beautiful pictures of Jupiter that have been taken by space probes. Do some research and make a collage of pictures of Jupiter and its moons. Be sure to label each picture.
2. Describe in your own words what the surface of Jupiter is like.
3. Jupiter is eleven times larger than Earth. It takes Earth 24 hours to complete one rotation but Jupiter only about 10 hours. Use a basketball and a tennis ball to explain why Jupiter rotates more than twice as fast as the Earth.
4. Which planet would you rather be on for celebrating birthdays, Earth or Jupiter? Explain your answer.
5. Write a poem about the mysteries of Jupiter's surface. For example, use the colored clouds, bands and zones, or the Great Red Spot as source material.
6. Do some research about one of Jupiter's Galilean moons and write a short report about it.
7. In 1994 a comet called Shoemaker-Levy crashed into Jupiter. Do some research and write a short report about this event.



## Planet Jupiter Answer Key

### Multiple Choice

1. c.
2. a.
3. b.
4. d.
5. c.
6. d.

### Short Answer

1. Individual response
2. Individual response
3. Individual response
4. Individual response
5. Individual response
6. Individual response
7. Individual response

