Name:	Date:
	Planet Mars Multiple Choice Questions

## \_\_\_\_\_\_

Circle the correct answer.

- 1. What is the shape of the orbit of Mars around the Sun?
  - a. Round
  - b. Circular
  - c. Elliptical
  - d. Square
- 2. One year on Mars is about equal to what time period on Earth?
  - a. One year
  - b. Two years
  - c. Three Years
  - d. Four years
- 3. Earth and Mars
  - a. Have days of about 24 hours
  - b. Have seasons
  - c. Both a. and b. above
  - d. None of the above
- 4. When viewed through a telescope what color is Mars?
  - a. Reddish-orange
  - b. Blue
  - c. Black
  - d. Grey
- 5. The surface of Mars has
  - a. Smooth plains
  - b. Deep canyons
  - c. High volcanoes
  - d. All of the above
- 6. Impact craters are caused by
  - a. Volcanic eruptions
  - b. Meteors striking the surface
  - c. Movement of tectonic plates
  - d. None of the above



Name:	Date:
Planet Mars Short Ans	swer Questions
1. Using the information in the reading, c Sun to scale on a piece of graph paper to shape.	
2. Explain why Earth and Mars have seas	ons.
3. Why does the surface of Mars appear r Earth?	reddish-orange to observers on
4. Americans were once fascinated by the Mars) invading Earth. Write your own sci-Mars.	<del>-</del>
5. With your classmates, do some researd scientific evidence for water on Mars. Rer liquid and a gas (water vapor).	
6. Do some research and write a short re has explored the surface of Mars: Sojourn	
7. Would you like to work as a NASA eng probes and rovers for Mars? Explain why	



## **Planet Mars Answer Key**

## **Multiple Choice**

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

## **Short Answer**

- 1. Individual response
- 2. The tilt of the axis of Mars, like that of Earth, causes the amount of sunlight falling on certain parts of the planet to vary widely during the year. As a result, Mars, like Earth, has seasons.
- 3. Mars is called the Red Planet because it appears a reddish-orange or rust color from the iron in the soil on its surface.
- 4. Individual response
- 5. Individual response
- 6. Individual response
- 7. Individual response