

Name _____ Date _____



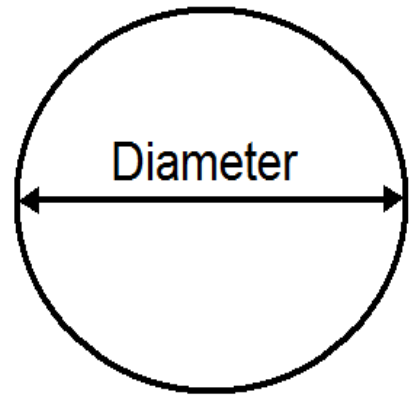
The Inner Planets

Pages 494 - 495

1. How many inner planets are there? _____
2. The planets orbit the sun. What prevents them from flying out into space?
3. What is located on Mercury's surface that proves that it doesn't have an atmosphere?
4. What is the difference between Mercury's hottest temperature (F) and Mercury's lowest temperature (F)?
 - a. 270°F
 - b. 810°F
 - c. 1,080°F
 - d. 981°F
5. What causes Venus to be so hot?

6. Give two reasons why Earth has life.

7. How many more miles is Venus' diameter than Mercury's diameter?



8. How many earth days does it take Mars to complete one revolution around the sun?

Bonus: How old would you be if you lived on mars? Round your answer to the ones place. (1 year = 1 revolution)

Answers

1. How many inner planets are there? 4

2. The planets orbit the sun. What prevents them from flying out into space?

Gravitational force

3. What is located on Mercury's surface that proves that it doesn't have an atmosphere?

Craters

4. What is the difference between Mercury's hottest temperature (F) and Mercury's lowest temperature (F)?

a. 270°F

b. 810°F

c. 1,080°F

d. 981°F

5. What causes Venus to be so hot?

Venus's thick atmosphere keeps heat from escaping

6. Give two reasons why Earth has life.

Earth has life because of its liquid and atmosphere.

7. How many more miles is Venus' diameter than Mercury's diameter?

4,460 miles

8. How many earth days does it take Mars to complete one revolution around the sun?

687 days