

## Perimeter and Area

## Topic: Area of Parallelogram

Name: Date: 

1. A rhombus has the same perimeter as the circumference of a circle. If the side of the rhombus is 2.2 m, find the radius of the circle.  m

2. Find the area of the rhombus having each side equal to 17 cm and one of its diagonals equal to 16 cm.   $\text{cm}^2$

3. Find the altitude of the rhombus whose area is  $315 \text{ cm}^2$  and its perimeter is 180 cm.  cm

4. The base of the parallelogram is thrice its height. If the area is  $192 \text{ cm}^2$ , find the base.  cm

5. What is the area of a parallelogram with base equal to 4 cm and height equal to 7cm?   $\text{cm}^2$

6. What is the area of parallelogram whose base = 5.4 cm and height = 6.1 cm?   $\text{cm}^2$

7. Find the area of this parallelogram with a base of 12 centimeters and a height of 5cm.   $\text{cm}^2$

8. The area of a parallelogram is 32 square centimeters and the base is 4 centimeters. Find the height.  cm

9. The perimeter of a parallelogram is 30 cm. If the height of the parallelogram is 5 cm and length of the adjacent side is 6 cm, find its area.   $\text{cm}^2$

10. Find the area of parallelogram with base = 9cm and height = 7cm   $\text{cm}^2$

