

Area and Perimeter

Chapter 10

Name: _____ Class: _____ Date: _____

Worksheet 1

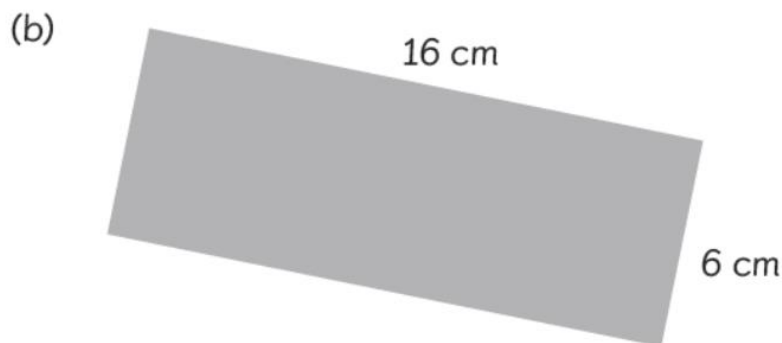
Finding the Area and the Perimeter of Rectangles

1 Find the area and the perimeter of each rectangle.



area = 40 cm^2

perimeter = 26 cm



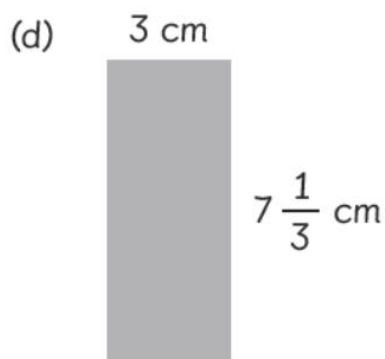
area = 96 cm^2

perimeter = 44 cm



area = 22.5 cm^2

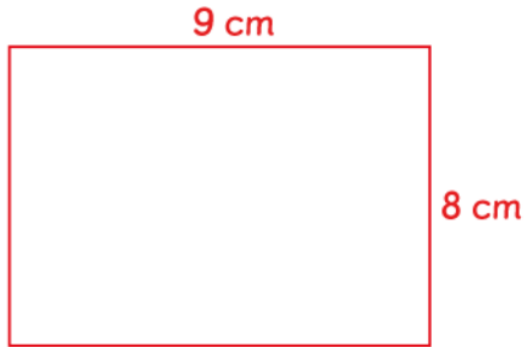
perimeter = 23 cm



area = 22 cm^2

perimeter = $20 \frac{2}{3} \text{ cm}$

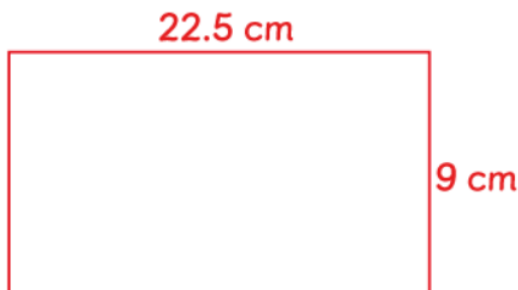
- 2 A rectangle has an area of 72 cm^2 . Its longer side is 9 cm . What is its perimeter?



$$72 \div 9 = 8 \text{ cm}$$

$$8 + 8 + 9 + 9 = 34 \text{ cm}$$

- 3 The perimeter of a rectangle is 63 cm . The length of its shorter side is 9 cm . Find the area of the rectangle.

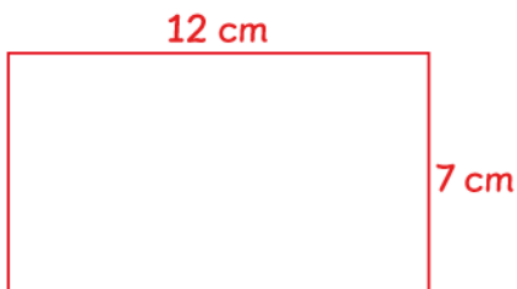


$$63 - 18 = 45 \text{ cm}$$

$$45 \div 2 = 22.5 \text{ cm}$$

$$22.5 \times 9 = 202.5 \text{ cm}^2$$

- 4 A rectangle has an area of 84 cm^2 . Its longer side is 5 cm longer than its shorter side. Find its perimeter.



$$12 + 12 + 7 + 7 = 38 \text{ cm}$$