Area and Perimeter
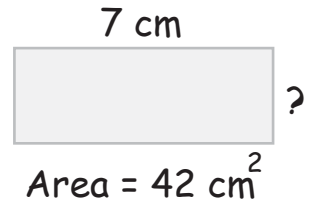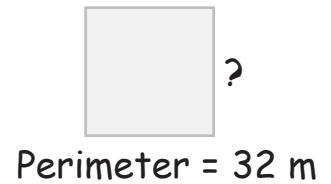
Name: _____   Class: _____

Find the lengths of the unkowns sides.
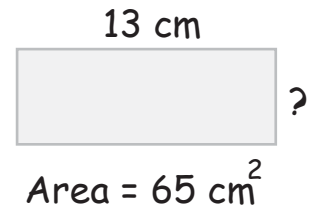
(1) The area of a rectangle is 42 cm.^{2}
    If its length is 7 cm, what is its width?
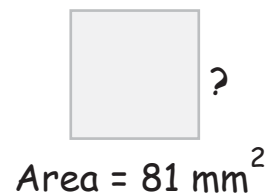   Answer:

7 cm

?

Area = 42 cm^2

(2) The perimeter of a square is 32 meters.
    Find the length of one side of the square.
    Answer:

?

Perimeter = 32 m

(3) The length of a rectangle is 13 cm.
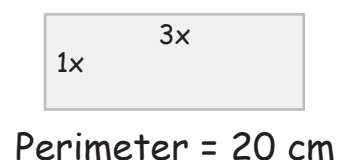   What is the width if the area is 65 cm^2?
    Answer:

13 cm

?

Area = 65 cm^2

(4) The area of a square is 81 mm.^{2}
    What is the length of each side?
    Answer:

?

Area = 81 mm^2

(5) The area of a rectangle is 40 cm^2 .
    If its length is 10 cm, what is its width?
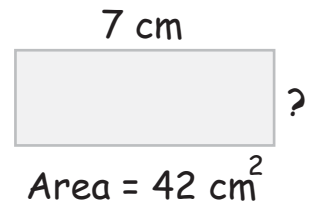   Answer:

10 cm

?

Area = 40 cm^2

(6) The perimeter of a rectangle is 200 cm.
    The rectangle is 3 times longer than wide.
    What are the length and width of this rectangle?
    Answer:
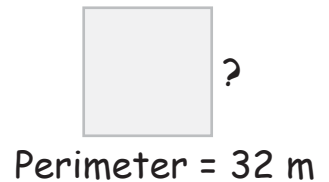
3x

1x

Perimeter = 20 cm

Answers

(1) The area of a rectangle is 42 cm.^{2}
If its length is 7 cm, what is its width?
Answer: **6 cm**
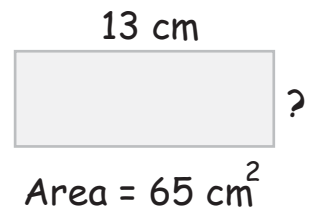
7 cm

?

Area = 42 cm^2

(2) The perimeter of a square is 32 meters.
Find the length of one side of the square.
Answer: **8 m**

?

Perimeter = 32 m

(3) The length of a rectangle is 13 cm.
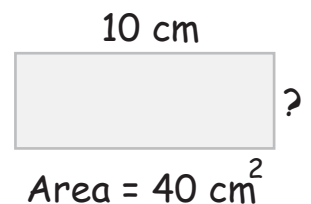What is the width if the area is 65 cm^2?
Answer: **5 cm**

13 cm

?

Area = 65 cm^2

(4) The area of a square is 81 mm.^{2}
What is the length of each side?
Answer: **9 mm**

?

Area = 81 mm^2
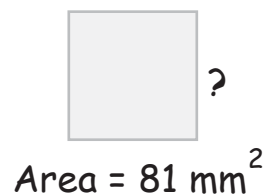
(5) The area of a rectangle is 40cm^2 .
If its length is 10 cm, what is its width?
Answer: **4 cm**

10 cm

?

Area = 40 cm^2

(6) The perimeter of a rectangle is 200 cm.
The rectangle is 3 times longer than wide.
What are the length and width of this rectangle?
Answer: **length = 75 cm**
width = 25 cm

3x

1x

Perimeter = 200 cm