Exercise:

Find the length or breadth of a rectangle given its perimeter and the breadth/length respectively

Find the length of a side of a square given its perimeter

1. The perimeter of a rectangle is128 cm. Its length is 35 cm. Find the breadth of the rectangle.

P = 2 X (L+B)

____ = ____ X (____ + B)

(__ + B) = _____ ÷ 2

(35 + B) = 64

B = ____ - 35

B = ____ cm

2. Junaidah walks 200m round a rectangular field once. The length of the field is 60 m. What is the breadth of the field?

P = 2 X (L+B)

____ = ____ X (____ + B)

(__ + B) = _____ ÷ 2

(60 + B) = _____

B = ____ - ____

B = ____ m

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3. The perimeter of a rectangle is 32 cm. Its breadth is 6 cm. Find its length.

P = 2 X (L+B)

____ = ____ X (L + ____)

(L + ___) = _____ ÷ 2

(L + 6) = _____

L = ____ - ____

L = ____ cm

4. The perimeter of a square is 20 cm. Find its length of one side of the square.

Length = Perimeter ÷ _____

Length = _____ ÷ _____

Length = _____ cm

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5. The perimeter of a rectangle is 26 cm. Its length is 10 cm. Find its length.

P = 2 X (L+B)

____ = ____ X (L + ____)

(L + ___) = _____ ÷ 2

(L + 10) = _____

L = ____ - ____

L = ____ cm

6. The perimeter of a square is 36 cm. Find the length of one side of the square.

Length = Perimeter ÷ _____

Length = _____ ÷ _____

Length = _____ cm

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