Name: ..... Class: .....

Area of squares and rectangles

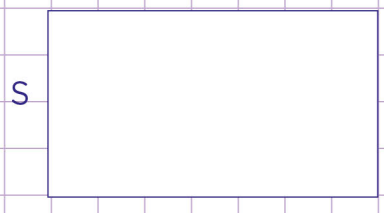
1. Find the area of this square.

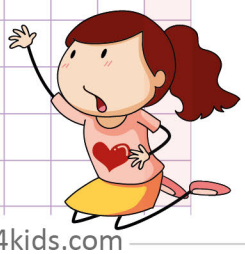
Area of square = side x side

2. Find the area of this rectangle.

Area of rectangle = Length x width

3. Find the missing length if the area of the rectangle is 100 square cm.





Solution

mathskills4kids

Name: ..... Class: .....

Area of squares and rectangles

1. Find the area of this square.

Area of square = side x side

Area of square = side x side

$\frac{1}{4} \times \frac{1}{4} = \frac{1}{16}$ m²

So, area = $\frac{1}{16}$ square meters

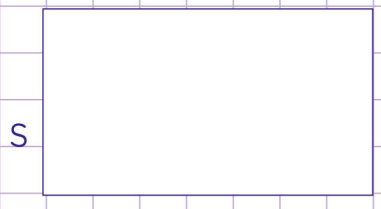
2. Find the area of this rectangle.

Area of rectangle = Length x width

Width = 30 mm
Length = 40 mm
Using the formular above we have,
(40 mm x 30 mm) = 1 200 mm²

Therefore, the area is 1200 square mm

3. Find the missing length if the area of the rectangle is 100 square cm.



Area = 100 cm²
Width = 25 cm
Using the formular (Area = Length x Width),
We have → 100 cm² = S x 25 cm
S = 100/ 25
S = 4 cm

Therefore, the length = 4 cm