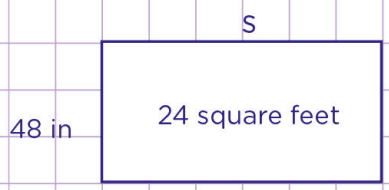
Name: ..... Class: .....

## Find the area or missing side length of a rectangle

**1.** Find the area of the rectangle.


**2.** Find the missing side of the rectangle.




**3.** Find the area of the rectangle in square meters.

Solution

mathskills4kids

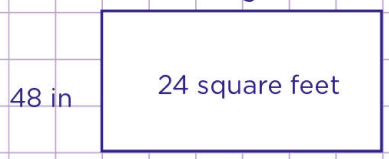
Name: ..... Class: .....

## Find the area or missing side length of a rectangle

**1.** Find the area of the rectangle.


We know that,
Area of a rectangle = length x width
Length = 15 mm
with = 2 mm
So, area = 15 mm x 2 mm
= 30 mm2
Therefore, A = 30 square millimeters

**2.** Find the missing side of the rectangle.



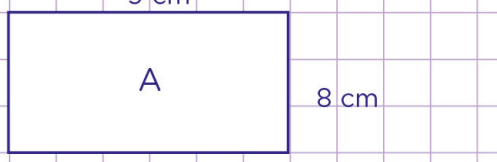

Since area is in feet, let's convert
4 inche into feet first.
if 12 inches = 1 foot
So, 48 inches = 48/12 = 4 feet
We know that,
Area of rectangle = L x W
Length = S
Width = 4 feet
So, 24 $feet^2$ = S x 4 feet

So, $\frac{24\ ft^2}{4\ ft} = \frac{S \times 4}{4}$

= 6 feet = S

Therefore, S = 6 feet or 72 in.

**3.** Find the area of the rectangle in square meters.




We know that,
area of a rectangle = Length x Width.
Length = 9 cm, but in meters:
100 cm = 1m
then 9 cm = ( 9 ÷ 100 ) = 0.09 m

Width = 8 cm but in meters
if 100cm = 1m
then, 8 cm = ( 8 ÷ 100 ) m = 0.08m

Area = L x W
0.09 x 0.08
0.0072$m^2$
Therefore, area = 0.0072 square meters.