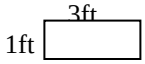
Area: areas of rectangles

The square is a special case of the rectangle, where (in a square) all the sides have equal length.

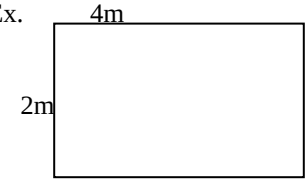
In a rectangle, the length and width are of different length. We call the length l, and we call the width w. To find the area of a rectangle, multiply the length by the width (don't forget to write the answers in square units).

Ex.



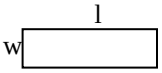
$A = (3ft)(1ft) = 3ft^2$

Ex.



$A = (4m)(2m) = 8m^2$

Exercises: Calculate the following areas for the rectangle.



1.) l = 2ft, w = 3ft, A = ?
2.) l = 3m, w = 1m, A = ?
3.) l = 2.5cm, w = 2cm, A = ?
4.) l = 4ft, w = ?, A = $8ft^2$
5.) l = ?, w = 3m, A = $9m^2$
6.) l = 5m, w = ?, A = $25m^2$
7.) l = ?, w = 3in, A = $27in^2$
8.) l = 4μm, w = 12μm, A = ?
9.) l = 36in, w = 1ft, A = ?
10.) l = 12in, w = 2in, A = ?