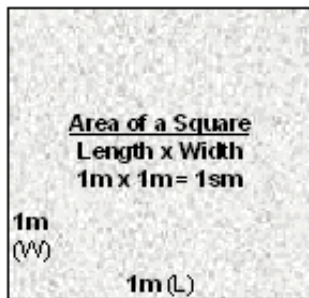
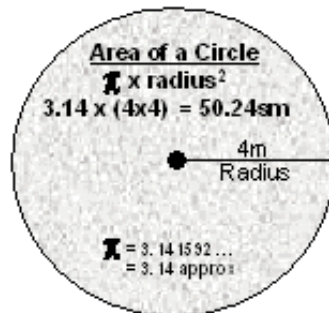


Calculating Areas

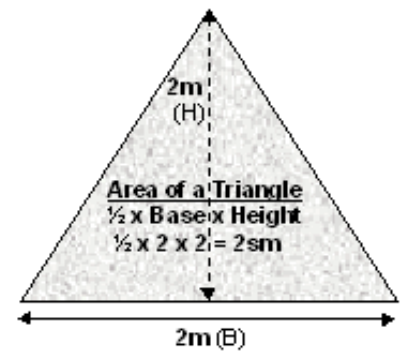
Square



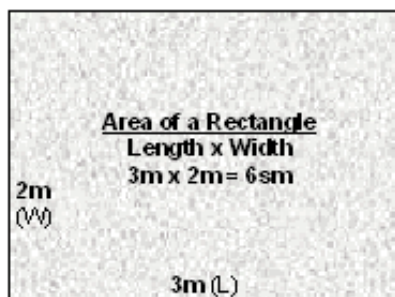
Circle



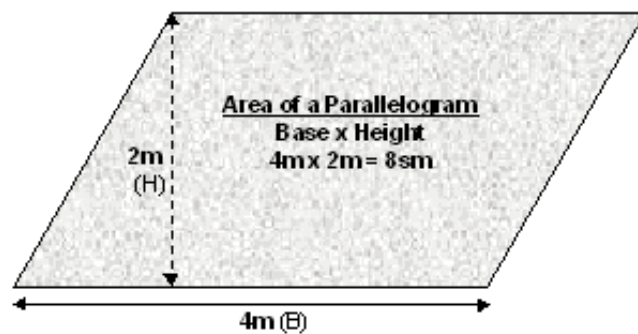
Triangle



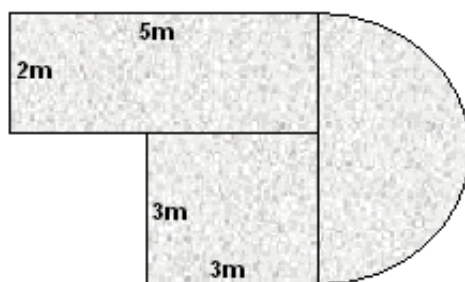
Rectangle



Parallelogram



Different Shapes



Split the area up into basic shapes. Work out the area of each shape then add together.

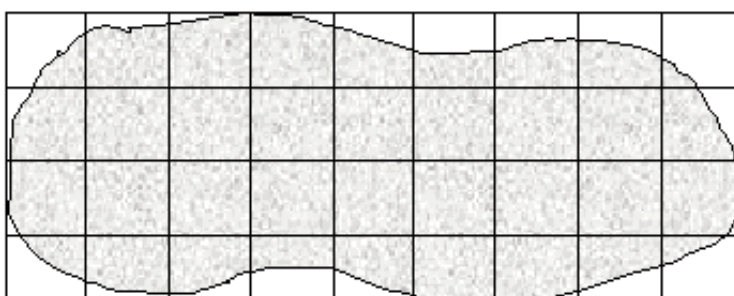
Rectangle
Area = L x W
 $= 5 \times 2$
 $= 10\text{sm}$

Square
Area = L x W
 $= 3 \times 3$
 $= 9\text{sm}$

Semi Circle
Area = $(\pi \times r^2) \div 2$
 $= (3.14 \times 2.5^2) \div 2$
 $= 9.8\text{sm}$

Total Area = 28.8 sm

Irregular Shape



Scale = 1m x 1m squares

Draw the irregular area onto a piece of squared paper. Then count the squares that are complete and those that are more than 50% filled. Add them up to calculate the total area, approximately.

Complete squares = 14
More than 50% = 17

Area = 31 sm approx.