Building a wall

Bricks per m^2 = 60

Your task is to work out the cost of bricks for building a brick wall.

First decide on the length and the height of your wall.

Then work out the area of the wall.
Remember AREA = BASE x HEIGHT

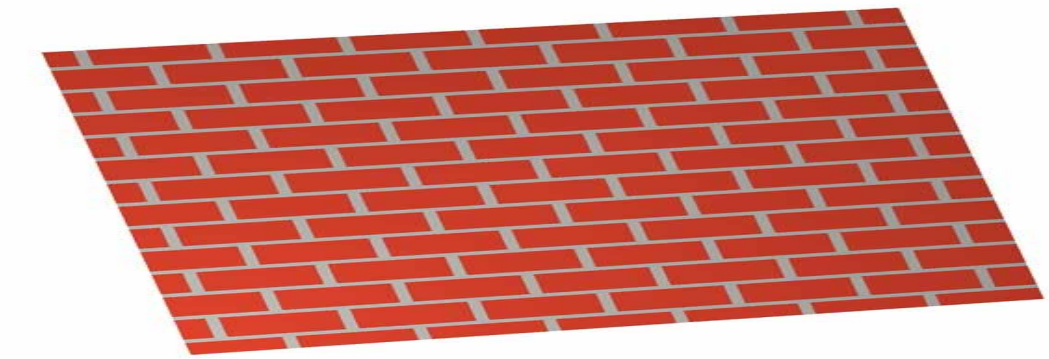
Then calculate how many bricks you will need.

It is good practice to add on an extra amount to allow for wastage. The usual allowance is 5%.

Next, search the internet for your materials. Print off details.

Work out the cost of the bricks for building your wall.

Finally, draw a scale diagram of your wall.



This resource kindly contributed by **Jan Robinson, Chelmer Training** janrobinson@chelmer-training.co.uk
Adult Numeracy - MSS1/L1.9 areas of rectangles. MSS2/L1.2 draw 2D shapes in different orientations using grids. MSS1/L1.1 add, subtract, multiply, divide sums of money. **Skills for Life ICT** - Level 1. **Application of Number** - Level 1 portfolio work N1.1, N1.2, N1.3.

Repainting a ceiling

Your task is to work out the cost of repainting a ceiling.
Choose one of the training rooms (or your classroom).

First you will need to work out the area of the ceiling in question.

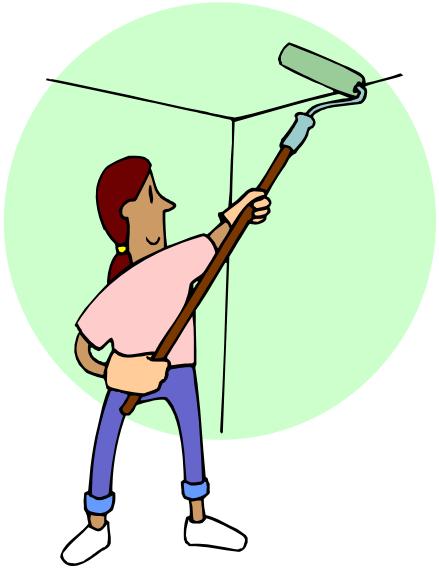
You need to allow for 2 coats of paint.

Next, find a website quoting the price for a tin of emulsion paint.
Print off details.

A litre of paint will allow for approximately 12m of coverage.
You will need to work out the cost of painting just 1m².

Remember to show a way of checking your answer.

Finally, draw a scale diagram of the chosen room.



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Re-turf a football pitch

Choose a football team.
Your task is to work out the cost of re-turfing their pitch.

First you will need to use the Internet to find the metric measurements of the pitch in question.

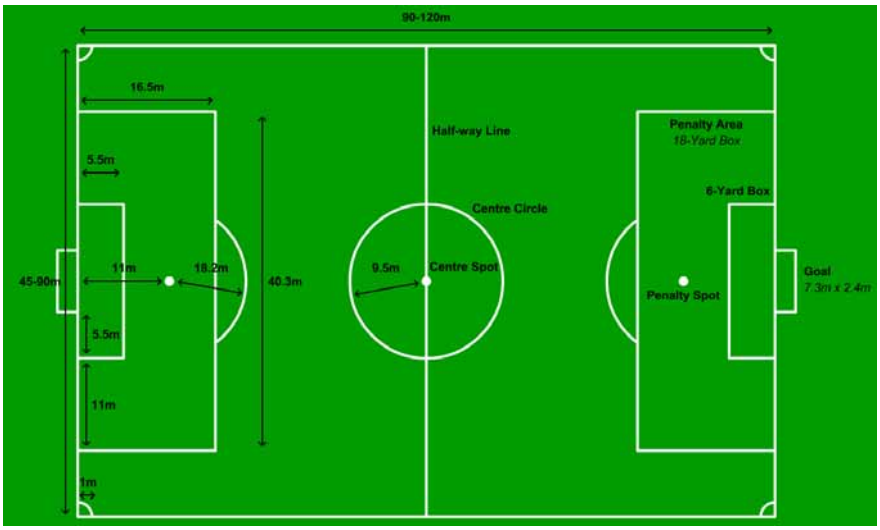
Next, draw a scale diagram of the pitch.

Work out the area of the pitch – remember to round to zero decimal places.

Next, find a website quoting the price for turf. Print off details.

Work out the cost of replacing the turf.

Remember to show a way of checking your answer.



A garden make-over

Your task is to work out the cost of turfing a garden.
Find a website quoting the price for turf. Print off details.

Then, using the diagram of the garden, calculate the following.

- **The area of the garden**
- **The cost of the new turf to be put down in the garden**

Make sure that your area calculation is carried out to 1 decimal place and that you show a checking procedure to confirm that your results are correct.

Finally, draw a scale diagram of the garden.

7.5m

5.2m