



# Level 3 Homework 27/11/09 - 9

To be returned by: **Wednesday 2/12/09**

**Maths L.O: Be able to solve maths word problems.**

1. How many 70cm lengths can be cut from a piece of material that is 3m long? How much material would be left over?
2. Brenda's bedroom is 4m long and 2.5m wide. What is the area of her bedroom?
3. Carpet costs £7.50 per square metre. How much would it cost Brenda to carpet her bedroom?
4. A cup holds 200ml of liquid. How many cups can be filled from a 2 litre bottle of pop? *(There are 1000ml in 1 litre!)*
5. There are 100 red and blue balls in a bag.  $\frac{3}{4}$  of the balls are red. How many blue balls are there?
6. A cake takes 50 minutes to bake. Darryl places it in the oven at 11:45am. What time will the cake be ready?
7. George drives at a steady speed of 30mph (miles per hour). How long will it take him to travel 60 miles?
8. Sally is doing a sponsored walk. 10 people have each sponsored her 50p for every mile that she walks. If she walks 7 miles how much sponsorship money will she have to collect?
9. I think of a number. I multiply it by 3 and then subtract 1. I get the answer 20. What number was I thinking of?
10. Georgina is taking a maths test. There are 60 questions in the test. Georgina gets 25% of the questions wrong. How many questions did she answer correctly?

**Literacy**

**L.O: Be able to write a level 3 persuasive radio advertisement.**

## A New Toy

The Amazing Toy Company has invented a new toy. To let people know about the toy, the company wish to produce an advertisement for local radio.

Your task is to write the words for the radio advertisement to persuade people to buy the toy.

Before you start, make some brief notes:

- what the toy is:
- who it is for:

Main features:

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Remember, this advertisement is for the radio.

You will **NOT** receive any marks for pictures or decoration.

