

Thursday Maths Session

Time Starter

Look at the times. Which is the greatest?
Tick it.

10 minutes	<input type="checkbox"/>
1 hour	<input type="checkbox"/>
45 minutes	<input type="checkbox"/>
5 minutes	<input type="checkbox"/>

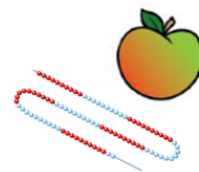
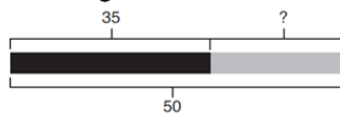
To calculate change

Finding Change using a bar model

I went to the supermarket and I bought an apple for 35p.

I gave the shopkeeper a 50p coin.

How much change should I have received?



How can we solve this problem:

Here I have used a bar model to find change from 50p.

I know the total is 50p and one part is 35p.

I need to find out $50 - 35$. How could you do this? Use your own method to work it out.

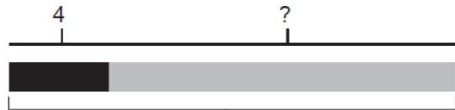
$$50 - 35 = \underline{\quad\quad}$$

What could we do to check the answer? Could you write an + to check it?

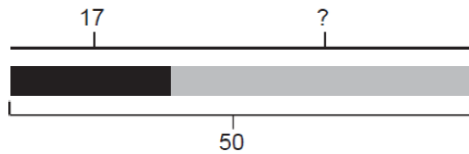
Activities

Read the question carefully then write the subtraction you need underneath. Use your method and make sure to check your answer!

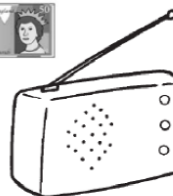
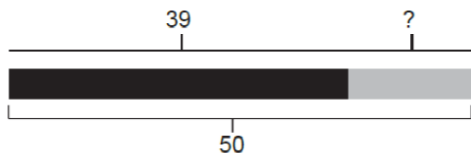
I went to the supermarket and I bought a book that cost £4.
I gave the shopkeeper a £20 note.
How much change should I have received?



I went to the supermarket and I bought a packet of sweets that cost 17p. I gave the shopkeeper a 50p coin.
How much change should I have received?



I went to the supermarket and I bought a radio that cost £39.
I gave the shopkeeper a £50 note.
How much change should I have received?



Challenge

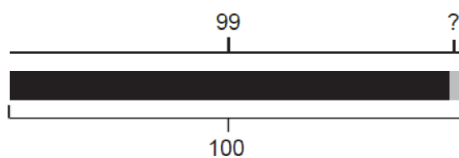
I went to the shops and bought some cat food that cost £11.50 and some cat treats for £2.50. I paid with a £20 note. How much change did I receive?

Fill in the bar model to help you:

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Plenary

I went to the supermarket and I bought a comic that cost 99p.
I gave the shopkeeper a £1 coin.
How much change should I have received?



Here are two different ways to solve it:

I counted up one penny to £1.
I know that one more than 99 is 100 and there are 100 pence in a pound.
I should get one pence change.

First I partitioned 99 into 90 and 9.
Then I subtracted 90 from 100 to get 10.
Next I subtracted 9 from 10 to leave 1.
I should get one pence change.

Which is best? Why?