

## Word Problems

Remember that you can use your whiteboard and pen to help you to solve word problems by drawing a picture.

Read the word problem carefully and work out if you need to add, subtract, multiply or divide.

1. There are 12 biscuits in a packet. Erin buys 4 packets for her party. How many biscuits does she have?

Count the biscuits - Cross off the biscuits as you count them.

$$\begin{array}{r} 10 \\ 10 \\ 2 \\ 2 \\ \hline 40 \\ + 8 \\ \hline 48 \end{array}$$

← count up in 10's.  
← count up in 2's.  
← Add together.

3. Lottie has 15 friends over for her birthday party. Her mum cooks 3 fish fingers each. How many fish fingers does Lottie's mum need to buy for Lottie and her friends?

Lottie 15 friends

Count the fish fingers - Cross off the fish fingers as you count them.

← Count up in 3's.

4. Mrs Moore has to replace 6 light bulbs in each classroom. How many light bulbs does she need?

Class 1 Class 2 Class 3

Count the bulbs - Cross off the bulbs as you count them.

← Count up in 3's.  
← Count up in 6's.

1. Draw four packets of biscuits, make sure each packet has 12 biscuits. You can count the biscuits one by one (remember to cross them off as you count so you know which ones have already been counted). You could use your knowledge of counting in 10's and 2's to help with this problem too.

2. Draw Lottie and her friends. Draw each person 3 fish fingers. You can count the fish fingers one by one (remember to cross them off as you count so you know which ones have already been counted). You could use your knowledge of counting in 3's to solve this problem.

3. Draw the 3 classrooms. Make sure you have drawn 6 lightbulbs in each classroom. You can count the bulbs one by one (remember to cross them off as you count so you know which ones have already been counted). You could use your knowledge of counting in 3's or your knowledge of counting in 6's to solve this problem.

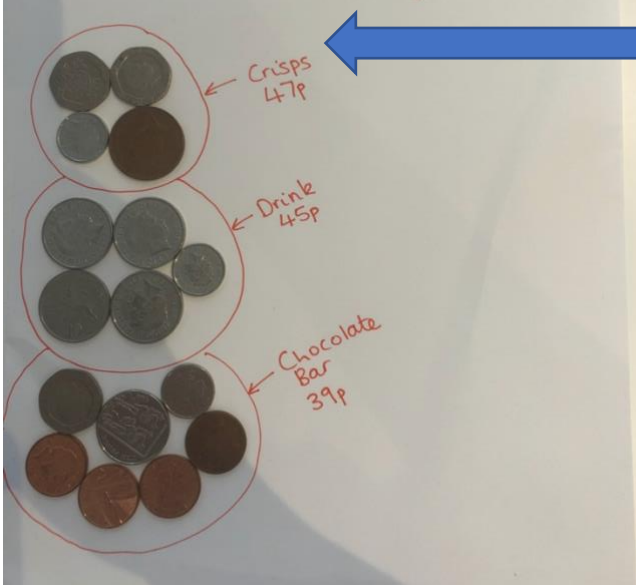
## Word Problems

When working with money get some coins out or draw pictures of coins to help.

1. Alex has £2.50 to spend at the shop. He buys a Packet of crisps, a drink and a chocolate bar. How much change does he get back?

Crisps - 47p  
Drink - 45p  
Chocolate Bar - 39p

a) Draw or lay out the coins:




Count out the coins to show how much each item costs.

1. Alex has £2.50 to spend at the shop. He buys a Packet of crisps, a drink and a chocolate bar. How much change does he get back?

Crisps - 47p  
Drink - 45p  
Chocolate Bar - 39p

a) Draw or lay out the coins:

b) Count the coins:



Start to add the coins together. I counted up to one pound. Then I counted the remaining coins. I added the coins together and knew the items in the shop would cost me £1.31.

## Word Problems

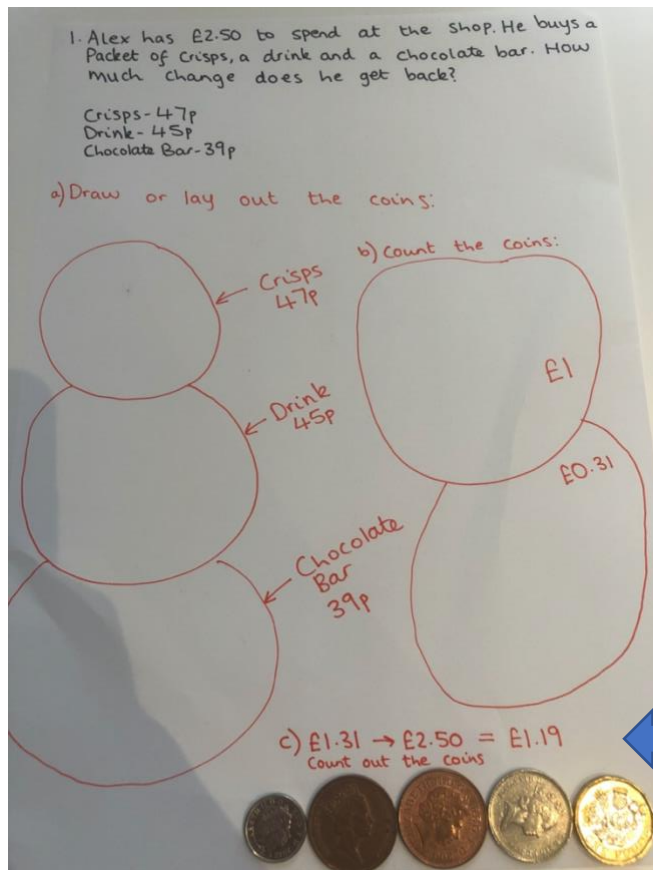
1. Alex has £2.50 to spend at the shop. He buys a Packet of crisps, a drink and a chocolate bar. How much change does he get back?

Crisps - 47p  
Drink - 45p  
Chocolate Bar - 39p

a) Draw or lay out the coins:

b) Count the coins:

c)  $£1.31 \rightarrow £2.50 = £1.19$   
Count out the coins



I knew that originally I had £2.50. My items from the shop were going to cost £1.31 altogether. I counted up from £1.31 until I reached £2.50. I lay out the 9p which would take me to £1.40, I then lay out 10p to take me up to £1.50 then I knew it was one more pound to get me to £2.50. I counted up the coins and it meant I would have £1.19 left to spend.

$$\begin{array}{r} 4 \\ £2.50 \\ - £1.31 \\ \hline £1.19 \end{array}$$

You might choose to do a subtraction for the last part. Remember that you cannot subtract from zero and that you must use borrowing and carrying.