Maths Tasks

Task 1

If you have any real, or pretend coins in your house then put them next to each other like below. You can also include 50p, £1 and £2 for a challenge!

What do you notice about the coins? Can you compare and classify these coins? This could be by colour, size, shape etc.

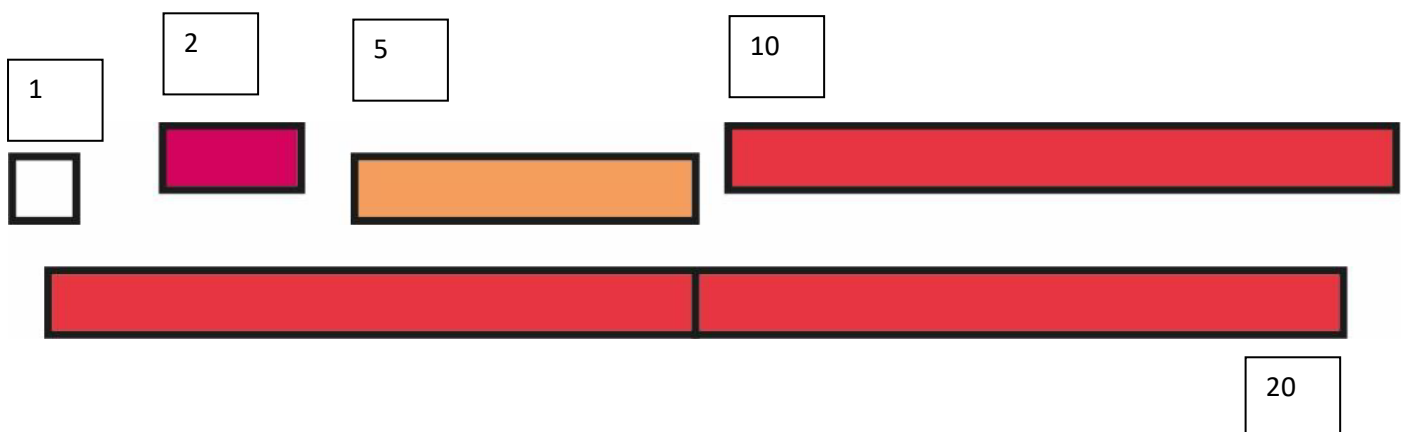Write down some of the ways you have classified the coins.

e.g.

I would put the 1p and 5p together because they are small and round.

I would put the bronze coins in a group.

Write down some of the ways you have compared and classified the coins.

Task 2

Using the same coins as yesterday. Look at these Cuisenaire rods. Put the coins in the same order as the rods. What do you notice?
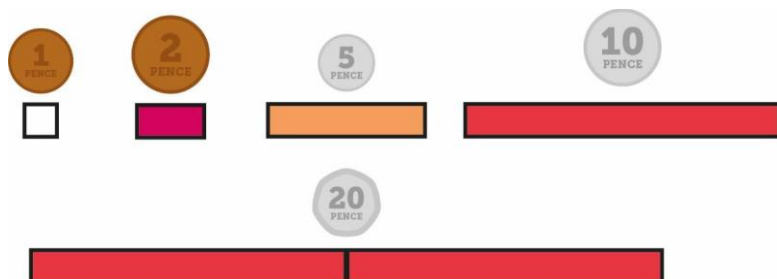

When you put the coins in this order. Do the coins go from small to large? larger to small? Or are they mixed? What do you think this means?

1. Which coin has the lowest value?
2. Which coin has the highest value?
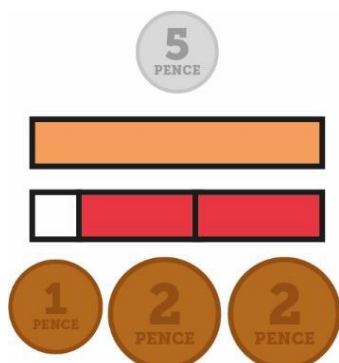3. Match the value of the coins to the correct bead string.

4. Complete the coin recognition sheet to help you put the coins in order of value.

Task 3

Using the model below as an example. Can you use as many different combinations of coins to make 10p? e.g. 5p + 5p = 10p How many more can you find?

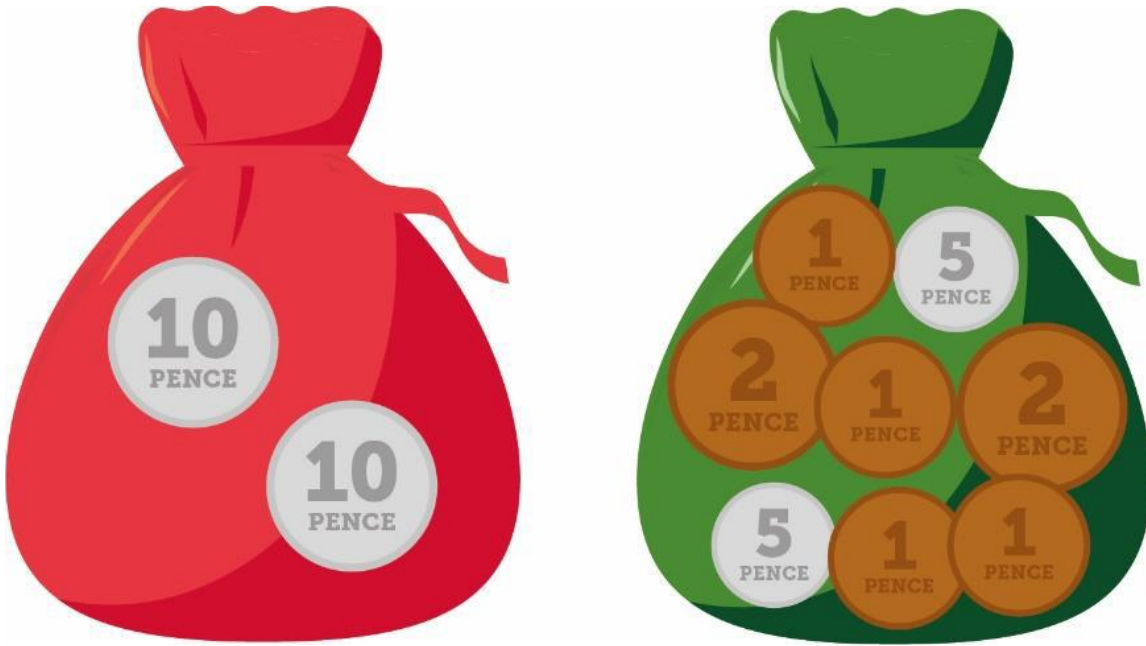Challenge: Try this with a total of 20p

Task 4

I went to the shop today to buy a banana. The banana cost 8p. I don't have an 8p coin because they don't exist! How could I make 8p using the coins I do have? Tip: addition

e.g. 1p + 5p + 2p = 8p

Challenge: I bought an apple for 14p. How many ways could I make 14p with the coins I have?

Task 5

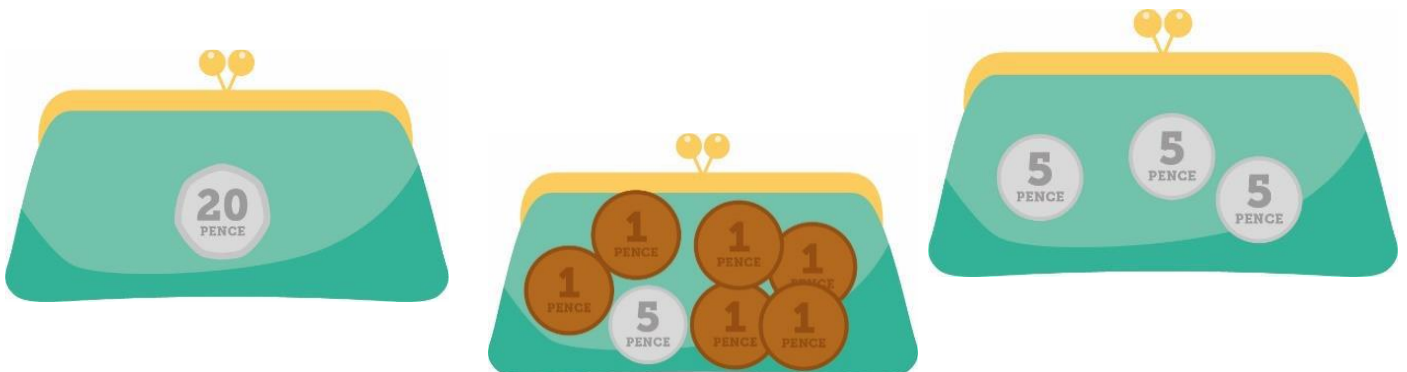Miss McGuire thinks that the green purse has the HIGHEST VALUE of money in it.
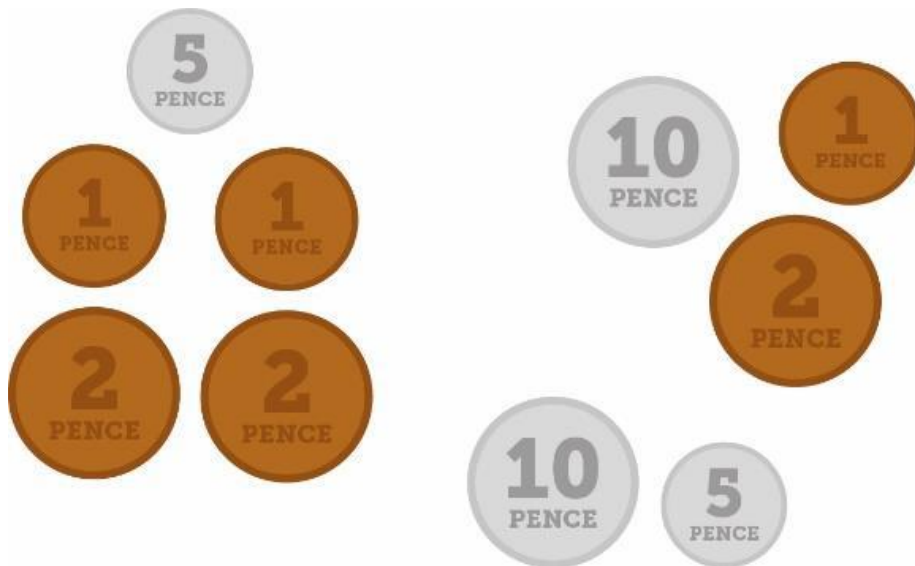
Am I correct or incorrect?

Prove it!

Tip: work out the totals in each purse. Think about why I think green is the highest.

Task 6

Order these values from LEAST to MOST. Tip: Work out the totals first. Use cubes to help.

Order these groups of coins from smallest to largest value.

Task 7

How much do the ice-creams cost? Look at the ice-cream sheets in the resources. There are three of them, mild, spicy and hot. You can do all three if you are confident.

Count up the values of coins in each picture and work out the total of the ice-cream.

Task 8

Who has the most money? In resources you will find a MILD and SPICY task. You must add the values of the purses.

For some of the purses they might be of a higher value than 10p, 20p etc.

Once we get to £1.00 (100p)

Then we can write it as £1.10

This means £1 + 10p but we don't write it as £1.10p. We don't have to write the pence afterwards when we have £ (pound).

Task 9

Create your own 'snack shop' in your house. Use fruit, crisps, chocolate that you have in your house. Give everything a price. Fruit must be cheaper than unhealthier snacks. Every time you would like a snack you must pay for it and work out which coins you need. (You can always make fake coins if you don't have coins or fake money already lying around!)