Starter:

$$\frac{4}{8} + \frac{2}{8}$$

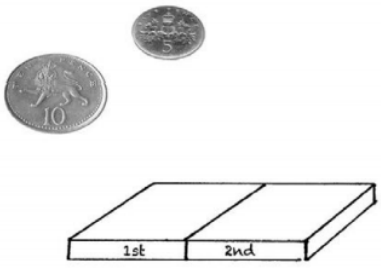
21.05.21

LO: To solve problems

STOPS money problems!

Coin Race!

Problem one:



Put the two coins in the right places using the clue:

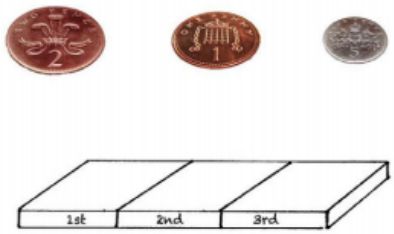
- The coin on the left is double the coin on the right

1.

Left = 10

Right = 5

Problem two:



Put the coins in the right order using these clues

- The first two coins add up to 3p
- The last two coins add up to 7p

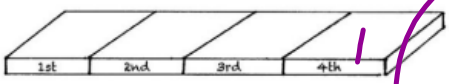
2.

1st = 1p
2nd = 2p
3rd = 5p

) = 3p
) = 7p

Problem three:





$\frac{1}{2}$

Put the coins in the right order using these clues:

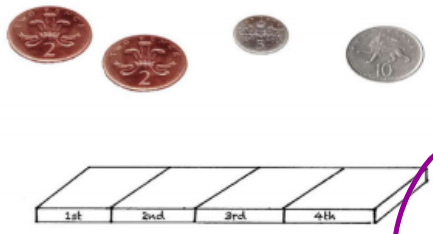
- The first coin is half of the last coin.
- The first two coins add up to 11p.

3.

1st = 1p
2nd = 10p
3rd = 5p
4th = 2p

11p

Problem four:



Put the coins in the right order using these clues:

- The 2p coins are not next to each other.
- The first three coins add up to 17p.
- The first coin is 5 times bigger than the last coin.

4.

1st = 10p

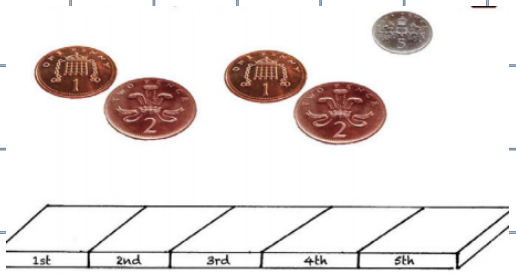
5+2nd = 2p

3rd = 5p

4th = 2p

3 = 17p

Problem five:



Put them in the right order using these clues:

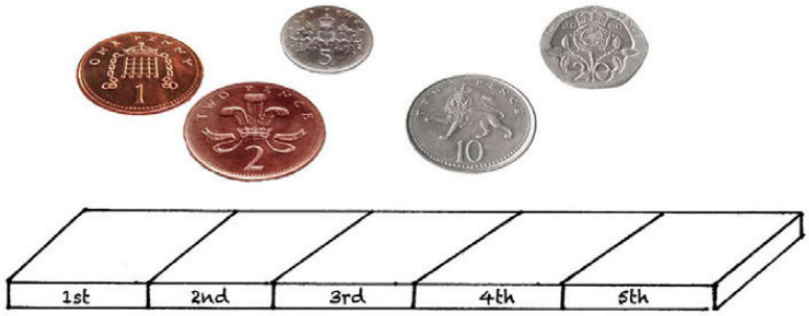
- Between the 1p coins is only one coin.
- Between the 2p coins is 2 coins.
- The first 3 coins have a total of four pence.

5.

1st = 1p
2nd = 2p
3rd = 1p
4th = 5p
5th = 2p

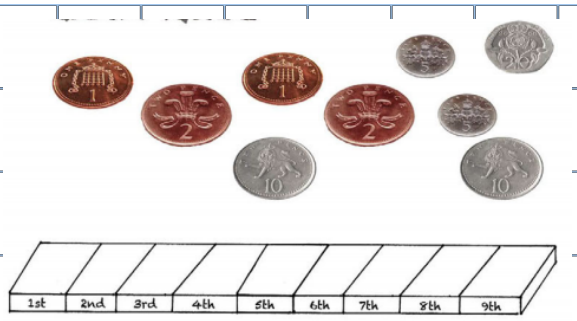
3 = 4p

Problem six:



1. Put them in the right order using these clues:
The total of the first three coins is 27p.
The total of the last three coins is 31p.
The last coin is double the value of the first coin.

Challenge:



Put them in the right order using these clues:

- The total of the first 3 coins is 17p
- The total of the last 3 coins is 13p
- The two 1p coins are next to each other
- The last coin is 5 times bigger than the first coin.
- Between the two 10p coins there are 5 coins
- Between the two 5p coins there are two coins
- The first 4 coins increase in size