

W/C: 9.1.17 Big idea: Partitioning 2 and 3 digit numbers

Burning question: How many different ways could I make 83p using these coins?



- What does partitioning mean?

'Partitioning is when I use place value to split up a number such as 24 is 20 and 4.'

- How can I partition different 2 and 3 digit numbers?

$$54 = 50 + 4$$

$$54 = 40 + 14$$

$$54 = 30 + 24$$

- How can adding sentences vary when recording partitioning?

$$64 = 30 + 30 + 4$$

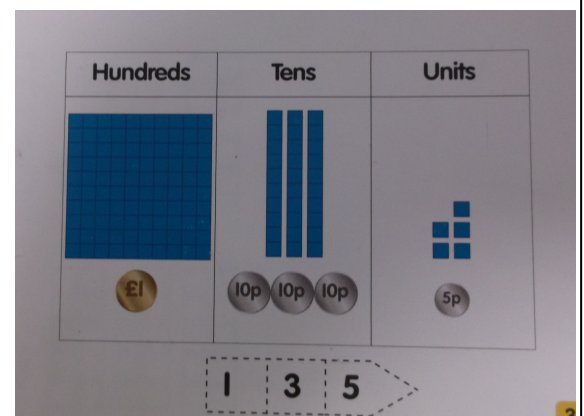
$$64 = 30 + 34$$

$$64 = 20 + 44$$

$$64 = 50 + 14$$

- Why is base 10 helpful when looking at money?

- What is the link between hundreds and £, tens and 10ps and ones and 1ps?



- How will partitioning help me work out different ways to pay?

$$81p = 50p + 20p + 10p + 1p$$

$$81p = 20p + 20p + 20p + 20p + 1p$$