

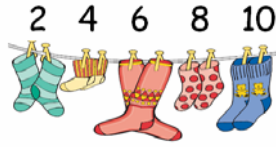


Foundation Stage, Yr 1, 2 & 3



Counting in equal steps

(2s, 3s, 4s, 5s & 10s)



Repeated addition

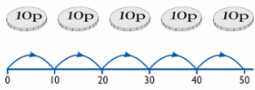


$$2 + 2 + 2 + 2 + 2 = 10$$

$$2 \times 5 = 10$$

2 multiplied by 5

5 pairs

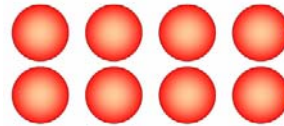


$$10p + 10p + 10p + 10p + 10p = 50p$$

$$10p \times 5 = 50p$$

5 jumps of 10

Describing an array



$$4 \times 2 = 8$$

$$2 \times 4 = 8$$

Yr 3 & 4

Partitioning

$$43 \times 6 =$$

43

$$\begin{array}{r} 40 \quad + \quad 3 \\ \downarrow \quad \quad \downarrow \\ 240 \quad + \quad 18 \end{array} \quad \times 6$$

$$= 258$$

$$40 \times 6 = 240$$

$$3 \times 6 = 18$$

$$240 + 18 = 258$$

Grid Method

$$38 \times 7 =$$

x	30	8
7	210	56

$$284 \times 3 =$$

x	200	80	4
3	600	240	12

Yr 5 & 6

Grid Method

$$56 \times 27$$

x	50	6
20	1000	120
7	350	42

1120

+ 392

Short Multiplication

$$38 \times 7$$

$$\begin{array}{r} 38 \\ \times 7 \\ \hline 210 \\ 56 \\ \hline 266 \end{array}$$

$$\begin{array}{r} 38 \\ \times 7 \\ \hline 266 \\ \hline 5 \end{array}$$

Long Multiplication

$$56 \times 27$$

x	56	27	
	1120	56	$\times 20$
	392	56	$\times 7$
	1512		
	1		

Extend methods to include decimals