



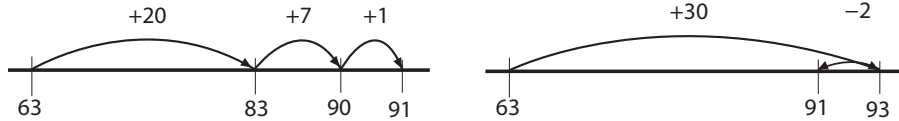
Compact vertical

$23454 + 596 \quad 23.7 + 48.56$

$$\begin{array}{r} 23454 \\ + \quad 596 \\ \hline 24050 \end{array}$$

$$\begin{array}{r} 23.70 \\ + 48.56 \\ \hline 72.26 \end{array}$$

Using a number line: $63 + 28 = 91$



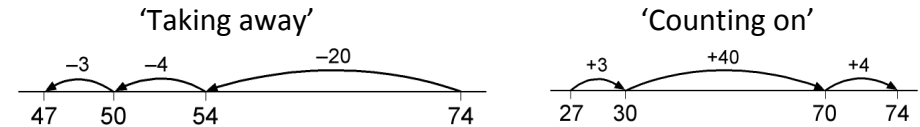
Decomposition

$2748 - 364 \quad 72.5 - 45.73$

$$\begin{array}{r} 2\cancel{7}48 \\ - \quad 364 \\ \hline 2384 \end{array}$$

$$\begin{array}{r} 72.50 \\ - 45.73 \\ \hline 26.77 \end{array}$$

Using a number line: $74 - 27 = 47$



LOOK AT THE NUMBERS – can you solve it in your head, with jottings or using written method?



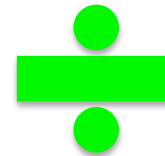
Long multiplication

5172×38

$$\begin{array}{r} 5172 \\ \times 38 \\ \hline 41376 \\ + 155160 \\ \hline 196536 \end{array}$$

Using known multiplication facts:

$43 \times 6 = (40 \times 6) + (3 \times 6) = 258$



Division

$564 \div 13$

$$13 \overline{) 43.38} \begin{array}{l} 43.38 \\ 564.00 \end{array}$$

1	13
2	26
4	52
5	65
8	104
10	130
20	260

Using known multiplication facts

$564 \div 13$

$= 43 \text{ r } 5 = 43 \frac{5}{13} = 43.4 \text{ (to 1dp)}$

Using a number line:

$72 \div 5 = 14\text{r}2$

