

Add

By the end of Y4 pupils will calculate $763 + 179$ using the standard column method

$$\begin{array}{r} 763 \\ + 179 \\ \hline 942 \\ \cancel{1} \cancel{1} \end{array}$$

Subtract

Use Base 10 apparatus to show...

$$\begin{array}{r} 879 - 137 \text{ is } 800 - 100 = 700 \\ \phantom{879 - 137 \text{ is }} 70 - 30 = 40 \\ \phantom{879 - 137 \text{ is }} 9 - 7 = 2 \end{array}$$

This leads quickly to...

$$\begin{array}{r} 371 - 118 \\ \overset{6}{1} \\ 3 \cancel{7} 1 \\ - 118 \\ \hline 253 \end{array}$$

Multiply

15×9 Partitioning is used to show $10 \times 9 = 90$
 $+ 5 \times 9 = 45$
135

This leads quickly to the standard column method...

$$\begin{array}{r} 15 \\ \times 9 \\ \hline 135 \\ \cancel{1} \end{array}$$

Carried digits 

Divide

Model the chunking method with Base 10 apparatus AND place value counters

$98 \div 6 = 16 \text{ r } 2$

$$\begin{array}{r} 6 \overline{) 98} \\ \underline{60} \quad (10 \times 6) \\ 38 \\ \underline{36} \quad (6 \times 6) \\ 2 \end{array}$$

Moving quickly on to

$$\begin{array}{r} \overline{16} \text{ r } 2 \\ 6 \overline{) 98} \end{array}$$