

# Long Division.

$$774 \div 18 = \square$$

Step 1: Re-write sum as follows.

Read sum as - : 18 into 774

or

774 divided by 18

$$18 \overline{) 774}$$

Step 2: Work out the multiples of 18, using a calculator.  
Write them in descending order.

- 18
- 36
- 54
- 72
- 90
- 108
- 126
- 144
- 162.

Step: Solve the sum.

$$\begin{array}{r}
 43 \\
 \hline
 18 \overline{) 774} \\
 - 72 \downarrow \\
 \hline
 54 \\
 - 54 \\
 \hline
 00
 \end{array}$$

What to say:

18 into 7, does not go.

18 into 77 goes 4 times, remainder 5.

$$4 \times 18 = 72$$

$$77 - 72 = 5 \text{ (remainder 5)}$$

Take 4 down to make 54.

18 into 54 goes 3 times.