

## Addition and subtraction

789 + 642 becomes

$$\begin{array}{r} 789 \\ + 642 \\ \hline 1431 \\ \hline 11 \end{array}$$

Answer: 1431

874 - 523 becomes

$$\begin{array}{r} 874 \\ - 523 \\ \hline 351 \end{array}$$

Answer: 351

932 - 457 becomes

$$\begin{array}{r} 932 \\ - 457 \\ \hline 475 \end{array}$$

8   12   1  
9   3   2

Answer: 475

## Short multiplication

24 × 6 becomes

$$\begin{array}{r} 24 \\ \times 6 \\ \hline 144 \\ \hline 2 \end{array}$$

Answer: 144

## Long multiplication

24 × 16 becomes

$$\begin{array}{r} 24 \\ \times 16 \\ \hline 144 \\ 240 \\ \hline 384 \end{array}$$

Answer: 384

24 × 32 becomes

$$\begin{array}{r} 24 \\ \times 32 \\ \hline 48 \\ 720 \\ \hline 768 \end{array}$$

Answer: 768

124 × 26 becomes

$$\begin{array}{r} 124 \\ \times 26 \\ \hline 744 \\ 2480 \\ \hline 3224 \\ \hline 11 \end{array}$$

Answer: 3224

## Short division

432 ÷ 5 becomes

$$\begin{array}{r} 86 \\ 5 \overline{) 432} \\ \underline{40} \phantom{0} \\ 32 \\ \underline{30} \\ 2 \end{array}$$

Answer: 86 remainder 2

574 ÷ 15 becomes

$$\begin{array}{r} 38 \\ 15 \overline{) 574} \\ \underline{45} \phantom{0} \\ 124 \\ \underline{120} \\ 4 \end{array}$$

Answer:  $38 \frac{4}{15}$

511 ÷ 35 becomes

$$\begin{array}{r} 14.6 \\ 35 \overline{) 511.0} \\ \underline{35} \phantom{00} \\ 161 \\ \underline{140} \phantom{0} \\ 210 \\ \underline{210} \\ 0 \end{array}$$

Answer: 14.6