

TARGET To practise a formal written method for long multiplication.

Examples

$$\begin{array}{r} ^3 ^1 ^2 \\ 1827 \\ \times 24 \\ \hline 7308 \quad (1827 \times 4) \\ 361540 \quad (1827 \times 20) \\ \hline 43848 \\ 1 \end{array}$$

$$\begin{array}{r} ^1 ^7 ^3 \\ 519.4 \\ \times 48 \\ \hline 4155.2 \\ 20776.0 \\ \hline 24931.2 \\ 11 \end{array}$$

A

Copy and complete.

- 1 $\begin{array}{r} 39 \\ \times 25 \\ \hline \end{array}$ (39×5)
 (39×20)
- 2 $\begin{array}{r} 6.2 \\ \times 43 \\ \hline \end{array}$ (6.2×3)
 (6.2×40)
- 3 $\begin{array}{r} 183 \\ \times 17 \\ \hline \end{array}$ (183×7)
 (183×10)
- 4 $\begin{array}{r} 41.5 \\ \times 38 \\ \hline \end{array}$ (41.5×8)
 (41.5×30)

Work out

- 5 28×24
- 6 74×19
- 7 5.7×36
- 8 9.6×72
- 9 135×23
- 10 549×18
- 11 32.6×45
- 12 47.3×27

B

Copy and complete.

- 1 $\begin{array}{r} 1536 \\ \times 34 \\ \hline \end{array}$ (1536×4)
 (1536×30)
- 2 $\begin{array}{r} 4872 \\ \times 29 \\ \hline \end{array}$ (4872×9)
 (4872×20)
- 3 $\begin{array}{r} 239.4 \\ \times 52 \\ \hline \end{array}$ (239.4×2)
 (239.4×50)
- 4 $\begin{array}{r} 60.27 \\ \times 47 \\ \hline \end{array}$ (60.27×7)
 (60.27×40)

Work out

- 5 1853×63
- 6 5419×26
- 7 27.68×35
- 8 394.5×48
- 9 41.86×27
- 10 750.2×39
- 11 16.93×54
- 12 82.54×46

C

Work out

- 1 35215×28
- 2 14793×45
- 3 294.08×36
- 4 16.359×53
- 5 53.826×19
- 6 470.54×24
- 7 1293.7×37
- 8 30.682×65
- 9 476×233
- 10 923×458
- 11 65.4×192
- 12 3.89×356
- 13 0.547×429
- 14 8.15×657
- 15 79.2×284
- 16 0.438×378
- 17 Each can of paint holds 2.35 litres. How much paint is needed to fill 346 cans?