

TARGET To use a formal written method for long multiplication.

Examples

$$\begin{array}{r} \begin{array}{cccc} 5 & 4 & 5 & \\ 1 & 7 & 5 & 8 \end{array} \\ \times \quad 27 \\ \hline 12306 \quad (1758 \times 7) \\ 351160 \quad (1758 \times 20) \\ \hline 47466 \end{array}$$

$$\begin{array}{r} \begin{array}{cccc} 2 & 5 & 1 & \\ 4 & 3 & 9 & 2 \end{array} \\ \times \quad 36 \\ \hline 26352 \\ 1312760 \\ \hline 158112 \\ \hline 11 \end{array}$$

A

Copy and complete.

1 $\begin{array}{r} 68 \\ \times 13 \\ \hline \end{array}$ (68×3)
 (68×10)

2 $\begin{array}{r} 492 \\ \times 18 \\ \hline \end{array}$ (492×8)
 (492×10)

3 $\begin{array}{r} 36 \\ \times 24 \\ \hline \end{array}$ (36×4)
 (36×20)

4 $\begin{array}{r} 267 \\ \times 35 \\ \hline \end{array}$ (267×5)
 (267×30)

Work out

- 5 63×42 9 174×34
6 57×26 10 219×28
7 49×19 11 438×17
8 85×23 12 365×45

B

Copy and complete.

1 $\begin{array}{r} 1247 \\ \times 26 \\ \hline \end{array}$ (1247×6)
 (1247×20)

2 $\begin{array}{r} 2538 \\ \times 14 \\ \hline \end{array}$ (2538×4)
 (2538×10)

3 $\begin{array}{r} 1673 \\ \times 38 \\ \hline \end{array}$ (1673×8)
 (1673×30)

4 $\begin{array}{r} 3496 \\ \times 25 \\ \hline \end{array}$ (3496×5)
 (3496×20)

Work out

- 5 5728×16 9 6257×43
6 4359×37 10 1985×24
7 2584×29 11 4874×39
8 3046×35 12 7169×48

C

Work out

- 1 24135×28
2 57248×19
3 42186×34
4 16259×45
5 35367×26
6 49526×37
7 21687×85
8 52958×64
9 249×183
10 376×256
11 458×149
12 864×572
13 327×265
14 483×174
15 739×328
16 562×437

- 17 One can weighs 387 g. There are 36 cans in a box. What is the total weight of 25 boxes in kilograms?