

TARGET To practise using a formal written method for short and long multiplication.

Examples

$$\begin{array}{r} 3548 \\ \times \quad 8 \\ \hline 28384 \\ \hline 436 \end{array}$$

$$\begin{array}{r} 524 \\ 1837 \\ \times \quad 26 \\ \hline 11022 \quad (1837 \times 6) \\ 36740 \quad (1837 \times 20) \\ \hline 47762 \quad (\text{Total}) \end{array}$$

A

Work out

- 1 173×6
- 2 529×8
- 3 847×3
- 4 365×5
- 5 486×7
- 6 709×2
- 7 258×9
- 8 637×4

Copy and complete.

$$\begin{array}{r} 9 \quad 25 \\ \times \quad 18 \\ \hline \\ \\ \hline \end{array} \quad \begin{array}{l} (25 \times 8) \\ (25 \times 10) \\ (\text{Total}) \end{array}$$

$$\begin{array}{r} 10 \quad 46 \\ \times \quad 23 \\ \hline \\ \\ \hline \end{array} \quad \begin{array}{l} (46 \times 3) \\ (46 \times 20) \\ (\text{Total}) \end{array}$$

Work out

- 11 73×52
- 12 58×47
- 13 39×25
- 14 24×19
- 15 37×34
- 16 42×26

B

Work out

- 1 2579×11
- 2 3248×6
- 3 5824×4
- 4 1763×8
- 5 4607×9
- 6 6952×3
- 7 1638×7
- 8 3480×12
- 9 124×15
- 10 367×27
- 11 408×54
- 12 539×29
- 13 1276×32
- 14 4690×16
- 15 3285×43
- 16 5347×28

17 £1 is worth 9 Norwegian krone. How many krone can you exchange for £1836?

18 There are 64 drawing pins in each box. How many are there in 1485 boxes?

C

Work out

- 1 19360×9
- 2 84219×5
- 3 50947×6
- 4 28175×8
- 5 92716×12
- 6 64073×7
- 7 72456×9
- 8 36128×11
- 9 32573×24
- 10 56489×38
- 11 29715×42
- 12 14308×65
- 13 692×186
- 14 785×253
- 15 506×479
- 16 924×537
- 17 Each bottle of flavouring holds 125 ml. How much flavouring is in 596 bottles in litres?
- 18 There are 28 tablets in every packet and 192 packets in each box. How many tablets are there in 36 boxes?