

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

Examples

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

$$\begin{array}{r} \phantom{0}^5 \phantom{0}^2 \phantom{0}^4 \\ 1837 \\ \times \quad 26 \\ \hline 11022 \quad (1837 \times 6) \\ 316740 \quad (1837 \times 20) \\ \hline 47762 \quad (\text{Total}) \end{array}$$

## A

Work out

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

Copy and complete.

$$\begin{array}{r} 9 \quad 25 \\ \times \quad 18 \\ \hline \phantom{00} \quad (25 \times 8) \\ \phantom{00} \quad (25 \times 10) \\ \hline \phantom{00} \quad (\text{Total}) \end{array}$$

$$\begin{array}{r} 10 \quad 46 \\ \times \quad 23 \\ \hline \phantom{00} \quad (46 \times 3) \\ \phantom{00} \quad (46 \times 20) \\ \hline \phantom{00} \quad (\text{Total}) \end{array}$$

Work out

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

## B

Work out

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

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  $19360 \times 9$
- 2  $84219 \times 5$
- 3  $50947 \times 6$
- 4  $28175 \times 8$
- 5  $92716 \times 12$
- 6  $64073 \times 7$
- 7  $72456 \times 9$
- 8  $36128 \times 11$
- 9  $32573 \times 24$
- 10  $56489 \times 38$
- 11  $29715 \times 42$
- 12  $14308 \times 65$
- 13  $692 \times 186$
- 14  $785 \times 253$
- 15  $506 \times 479$
- 16  $924 \times 537$

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?