

to practise short multiplication of whole numbers and decimals.

**Examples**

Work from the right and carry.

$$\begin{array}{r} 3975 \\ \times 7 \\ \hline 27825 \\ \hline 653 \end{array}$$

$$\begin{array}{r} 40.28 \\ \times 6 \\ \hline 241.68 \\ \hline 14 \end{array}$$

Align decimal points.

**A**

Copy and complete.

- |                                  |                                    |
|----------------------------------|------------------------------------|
| 1 $138 \times \underline{\quad}$ | 7 $90.5 \times \underline{\quad}$  |
| 2 $746 \times \underline{\quad}$ | 8 $87.2 \times \underline{\quad}$  |
| 3 $295 \times \underline{\quad}$ | 9 $94.2 \times \underline{\quad}$  |
| 4 $327 \times \underline{\quad}$ | 10 $73.5 \times \underline{\quad}$ |
| 5 $680 \times \underline{\quad}$ | 11 $51.9 \times \underline{\quad}$ |
| 6 $194 \times \underline{\quad}$ | 12 $17.4 \times \underline{\quad}$ |

Work out

- |                   |                    |
|-------------------|--------------------|
| 13 $827 \times 4$ | 21 $31.9 \times 2$ |
| 14 $263 \times 7$ | 22 $46.3 \times 4$ |
| 15 $508 \times 2$ | 23 $65.2 \times 9$ |
| 16 $436 \times 8$ | 24 $20.8 \times 7$ |
| 17 $657 \times 3$ | 25 $38.4 \times 5$ |
| 18 $386 \times 6$ | 26 $9.5 \times 8$  |
| 19 $840 \times 9$ | 27 $5.39 \times 3$ |
| 20 $924 \times 5$ | 28 $72.6 \times 6$ |

**B**

Copy and complete.

- |                                   |                                     |
|-----------------------------------|-------------------------------------|
| 1 $2067 \times \underline{\quad}$ | 7 $84.35 \times \underline{\quad}$  |
| 2 $1859 \times \underline{\quad}$ | 8 $376.2 \times \underline{\quad}$  |
| 3 $4283 \times \underline{\quad}$ | 9 $253.8 \times \underline{\quad}$  |
| 4 $6174 \times \underline{\quad}$ | 10 $39.26 \times \underline{\quad}$ |
| 5 $7398 \times \underline{\quad}$ | 11 $94.07 \times \underline{\quad}$ |
| 6 $5916 \times \underline{\quad}$ | 12 $617.5 \times \underline{\quad}$ |

Work out

- |                     |                      |
|---------------------|----------------------|
| 13 $2348 \times 6$  | 21 $46.52 \times 11$ |
| 14 $7290 \times 3$  | 22 $704.8 \times 6$  |
| 15 $3582 \times 5$  | 23 $65.37 \times 4$  |
| 16 $1594 \times 9$  | 24 $91.24 \times 5$  |
| 17 $7408 \times 4$  | 25 $428.6 \times 7$  |
| 18 $6815 \times 12$ | 26 $37.05 \times 12$ |
| 19 $2936 \times 8$  | 27 $285.7 \times 9$  |
| 20 $5049 \times 7$  | 28 $50.79 \times 8$  |

**C**

Work out

- 1  $13\,269 \times 6$
- 2  $54\,706 \times 3$
- 3  $29\,548 \times 12$
- 4  $161\,437 \times 5$
- 5  $47\,095 \times 8$
- 6  $135\,176 \times 7$
- 7  $269\,840 \times 9$
- 8  $183\,501 \times 11$
- 9  $392.19 \times 4$
- 10  $73.867 \times 2$
- 11  $9267.4 \times 11$
- 12  $24.908 \times 7$
- 13  $613.57 \times 9$
- 14  $52.836 \times 8$
- 15  $36.179 \times 12$
- 16  $274.85 \times 6$
- 17 A delivery firm buys seven new vans, each costing £16 549. What is the total cost of the vans?
- 18 One box of tiles weighs 23.875 kg. What is the total weight of six boxes?