SHORT MULTIPLICATION 2

TARGET To practise short multiplication of whole numbers and decimals.

Examples

Work from the right and carry.

$$\begin{array}{r} 5\ 7\ 0\ 4 \\ \times \qquad 8 \\ \hline 4\ 5\ 6\ 3\ 2 \\ 5\ 3 \end{array}$$

$$\begin{array}{r} 6\ 2\cdot5\ 8 \\ \times \qquad 9 \\ \hline 5\ 6\ 3\cdot2\ 2 \\ 2\ 5\ 7 \end{array}$$

Align decimal points.

A

Copy and complete.

1. $\begin{array}{r} 364 \\ \times\ \ 2 \\ \hline \end{array}$

2. $\begin{array}{r} 173 \\ \times\ \ 8 \\ \hline \end{array}$

3. $\begin{array}{r} 429 \\ \times\ \ 5 \\ \hline \end{array}$

4. $\begin{array}{r} 246 \\ \times\ \ 7 \\ \hline \end{array}$

5. $\begin{array}{r} 9\cdot7 \\ \times\ \ 4 \\ \hline \end{array}$

6. $\begin{array}{r} 5\cdot8 \\ \times\ \ 6 \\ \hline \end{array}$

7. $\begin{array}{r} 6\cdot4 \\ \times\ \ 3 \\ \hline \end{array}$

8. $\begin{array}{r} 2\cdot6 \\ \times\ \ 9 \\ \hline \end{array}$

Work out

9. 587×2
10. 175×9
11. 346×5
12. 285×8
13. $9\cdot7 \times 3$
14. $7\cdot4 \times 6$
15. $3\cdot8 \times 4$
16. $5\cdot9 \times 7$

17. One biscuit weighs 8·2 g. What do seven biscuits weigh?

18. On one day 258 people visit a stately home. The entrance fee is £9. How much is taken in entrance fees?

B

Copy and complete.

1. $\begin{array}{r} 1564 \\ \times\ \ 5 \\ \hline \end{array}$

2. $\begin{array}{r} 3916 \\ \times\ \ 11 \\ \hline \end{array}$

3. $\begin{array}{r} 4638 \\ \times\ \ 8 \\ \hline \end{array}$

4. $\begin{array}{r} 3739 \\ \times\ \ 9 \\ \hline \end{array}$

5. $\begin{array}{r} 195\cdot3 \\ \times\ \ 12 \\ \hline \end{array}$

6. $\begin{array}{r} 24\cdot65 \\ \times\ \ 6 \\ \hline \end{array}$

7. $\begin{array}{r} 63\cdot28 \\ \times\ \ 4 \\ \hline \end{array}$

8. $\begin{array}{r} 230\cdot7 \\ \times\ \ 7 \\ \hline \end{array}$

Work out

9. 4795×3
10. 1824×9
11. 5237×11
12. 8578×4
13. $40\cdot26 \times 7$
14. $209\cdot1 \times 8$
15. $78\cdot39 \times 6$
16. $64\cdot07 \times 12$

17. One side of a square picture frame is 37·25 cm. What is its perimeter?

18. Stacey earns £2947 each month. How much does she earn in six months?

C

Work out

1. $61\,527 \times 6$
2. $14\,936 \times 7$
3. $159\,318 \times 3$
4. $237\,284 \times 11$
5. $25\,179 \times 9$
6. $490\,567 \times 2$
7. $143\,658 \times 8$
8. $26\,745 \times 12$
9. $82\cdot092 \times 4$
10. $582\cdot74 \times 7$
11. $30\cdot498 \times 6$
12. $195\cdot63 \times 11$
13. $63\cdot084 \times 9$
14. $197\cdot356 \times 5$
15. $71\cdot902 \times 8$
16. $84\cdot039 \times 12$

17. There are eight stock cubes in each box. How many cubes are there in 176 245 boxes?

18. Basil earns £2719·50 per month. How much does he earn in 12 months?