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

Examples

$$826 \times 12$$

$6 \times 12 = 72$ (carry 7)
$(2 \times 12) + 7 = 31$ (carry 3)
$(8 \times 12) + 3 = 99$

$$\begin{array}{r} 826 \\ \times \quad 12 \\ \hline 9912 \\ {\scriptstyle 3\ 7} \end{array}$$

$$\begin{array}{r} 1\ 594 \\ \times \qquad 7 \\ \hline 11\ 158 \\ {\scriptstyle 4\ 6\ 2} \end{array}$$

A

Copy and complete.

1. $\begin{array}{r} 14 \\ \times \ 5 \\ \hline \end{array}$
5. $\begin{array}{r} 269 \\ \times \ 4 \\ \hline \end{array}$

2. $\begin{array}{r} 58 \\ \times \ 3 \\ \hline \end{array}$
6. $\begin{array}{r} 124 \\ \times \ 9 \\ \hline \end{array}$

3. $\begin{array}{r} 36 \\ \times \ 6 \\ \hline \end{array}$
7. $\begin{array}{r} 542 \\ \times \ 8 \\ \hline \end{array}$

4. $\begin{array}{r} 47 \\ \times \ 2 \\ \hline \end{array}$
8. $\begin{array}{r} 835 \\ \times \ 7 \\ \hline \end{array}$

Work out

9. 178×3
10. 566×2
11. 215×8
12. 348×4
13. 290×7
14. 367×5
15. 425×6
16. 253×9

17. There are 275 staples in each box. How many are there in three boxes?

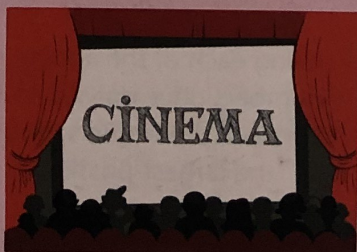18. Each glass has a capacity of 235 ml. What is the capacity of eight glasses?

B

Work out

1. 435×9
2. 687×12
3. 326×7
4. 479×6
5. 163×8
6. 729×9
7. 647×5
8. 964×6
9. 3057×8
10. 1439×7
11. 4876×3
12. 1385×11
13. 2984×9
14. 7069×4
15. 2578×7
16. 3195×12

17. A factory canteen prepares 1358 meals every day. How many does it prepare in five days?

18. A holiday costs £739 per person. How much does it cost for seven people?

19. A cinema holds 478 people. All eight screenings of a film are sold out. How many people see the film?

CINEMA

C

Work out

1. $27\,159 \times 6$
2. $28\,045 \times 9$
3. $47\,829 \times 11$
4. $19\,327 \times 8$
5. $20\,369 \times 5$
6. $42\,185 \times 7$
7. $83\,597 \times 12$
8. $71\,226 \times 9$
9. $50\,473 \times 6$
10. $27\,658 \times 5$
11. $36\,817 \times 11$
12. $47\,289 \times 8$
13. $30\,794 \times 9$
14. $45\,982 \times 12$
15. $84\,605 \times 8$
16. $78\,296 \times 7$

17. The runner up in a television talent show received 41 837 votes. Nine times as many people voted for the winner. How many votes did the winner receive?

18. Each packet of chewing gum has 6 sticks. How many sticks are there in 24 675 packets?