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

Examples

$$\begin{array}{r} {\scriptstyle 4\ 1} \\ 873 \\ \times\ \ 46 \\ \hline 5238 \\ 34_{2}9_{1}20 \\ \hline 40158 \\ {\scriptstyle 1\ 1} \end{array}$$
(873 × 6)
(873 × 40)
(Total)

$$\begin{array}{r} {\scriptstyle 2\ 1} \\ 1962 \\ \times\ \ 23 \\ \hline 5886 \\ 3_{1}9_{1}240 \\ \hline 45126 \\ {\scriptstyle 1\ 1\ 1} \end{array}$$

A

Copy and complete.

1. $\begin{array}{r} 36 \\ \times\ 16 \\ \hline \\ \\ \hline \\ \\ \hline \end{array}$ (36 × 6) (36 × 10)

2. $\begin{array}{r} 95 \\ \times\ 13 \\ \hline \\ \\ \hline \\ \\ \hline \end{array}$ (95 × 3) (95 × 10)

3. $\begin{array}{r} 42 \\ \times\ 27 \\ \hline \\ \\ \hline \\ \\ \hline \end{array}$ (42 × 7) (42 × 20)

4. $\begin{array}{r} 53 \\ \times\ 39 \\ \hline \\ \\ \hline \\ \\ \hline \end{array}$ (53 × 9) (53 × 30)

Work out

5. 83 × 13
6. 24 × 15
7. 78 × 24
8. 37 × 26
9. 49 × 32
10. 62 × 25
11. 74 × 43
12. 45 × 37

B

Copy and complete.

1. $\begin{array}{r} 184 \\ \times\ 26 \\ \hline \\ \\ \hline \\ \\ \hline \end{array}$ (184 × 6) (184 × 20)

2. $\begin{array}{r} 1563 \\ \times\ 48 \\ \hline \\ \\ \hline \\ \\ \hline \end{array}$ (1563 × 8) (1563 × 40)

Work out

3. 247 × 38
4. 529 × 14
5. 392 × 43
6. 638 × 19
7. 156 × 37
8. 415 × 42
9. 289 × 25
10. 748 × 23
11. 1376 × 39
12. 1487 × 24
13. 6532 × 51
14. 3139 × 36
15. 5814 × 17
16. 4687 × 32
17. 1926 × 45
18. 7245 × 29
19. Each crate holds 48 bottles. How many bottles are there in 268 crates?
20. Moheen earns £16·75 per hour. He works 36 hours. How much does he earn?

C

Work out

1. 12 319 × 17
2. 27 493 × 35
3. 74 806 × 23
4. 36 028 × 42
5. 80 572 × 26
6. 41 735 × 34
7. 32 054 × 59
8. 26 490 × 61
9. 218 × 197
10. 675 × 145
11. 394 × 372
12. 564 × 286
13. 943 × 257
14. 639 × 427
15. 483 × 159
16. 726 × 368
17. The average number of words on the page of a book is 347. The book has 159 pages. How many words are there in the book?