

TARGET To practise written methods for short and long multiplication.

Examples

$$\begin{array}{r} 495.7 \\ \times 6 \\ \hline 2974.2 \\ \hline 534 \end{array}$$

$$\begin{array}{r} 211 \\ 2836 \\ \times 43 \\ \hline 8508 \\ 1131440 \\ \hline 121948 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 624. \\ 37.25 \\ \times 29 \\ \hline 335.25 \\ 7451.00 \\ \hline 1080.25 \\ \hline 1 \end{array}$$

A

Work out

- 1 258×6
- 2 437×5
- 3 31.5×9
- 4 59.6×7
- 5 475×11
- 6 763×4
- 7 28.4×8
- 8 34.9×12

Copy and complete.

$$\begin{array}{r} 9 \quad 165 \\ \times 35 \\ \hline \end{array}$$

(165 × 5)
(165 × 30)

$$\begin{array}{r} 10 \quad 36.2 \\ \times 24 \\ \hline \end{array}$$

(36.2 × 4)
(36.2 × 20)

Work out

- 11 37×18
- 12 91×23
- 13 5.8×47
- 14 6.3×16
- 15 146×72
- 16 507×19
- 17 23.9×36
- 18 38.4×25

B

Work out

- 1 3297×4
- 2 2518×7
- 3 164.3×12
- 4 70.69×3
- 5 4825×9
- 6 57.03×8
- 7 619.2×5
- 8 30.84×6
- 9 1736×42
- 10 3285×37
- 11 290.4×64
- 12 15.67×26
- 13 58.43×83
- 14 261.9×39
- 15 63.72×45
- 16 34.58×58

- 17 The mean weight of 72 sacks of coal is 39.47 kg. What is the total weight of the sacks?

C

Work out

- 1 14673×8
- 2 28509×11
- 3 817.42×5
- 4 39.065×9
- 5 4239.7×6
- 6 56.184×4
- 7 608.29×12
- 8 13.956×7
- 9 15637×53
- 10 274.29×29
- 11 40.985×65
- 12 315.06×48
- 13 394×169
- 14 8.72×346
- 15 0.759×674
- 16 9.68×525
- 17 Each pipe is 6.95 m long. What is the total length of 258 pipes?