

TARGET To practise long division of whole numbers and decimals.

Examples

$8937 \div 25$

$$\begin{array}{r} 357 \frac{12}{25} \\ 25 \overline{)8937} \\ \underline{75} \quad (300 \times 25) \\ 143 \\ \underline{125} \quad (50 \times 25) \\ 187 \\ \underline{175} \quad (7 \times 25) \\ 12 \end{array}$$

$790.4 \div 19$

$$\begin{array}{r} 41.6 \\ 19 \overline{)790.4} \\ \underline{76} \quad (40 \times 19) \\ 30 \\ \underline{19} \quad (1 \times 19) \\ 11.4 \\ \underline{11.4} \quad (0.6 \times 19) \\ 0.0 \end{array}$$

$82.08 \div 24$

$$\begin{array}{r} 3.42 \\ 24 \overline{)82.08} \\ \underline{72} \quad (3 \times 24) \\ 10.0 \\ \underline{9.6} \quad (0.4 \times 24) \\ 0.48 \\ \underline{0.48} \quad (0.02 \times 24) \\ 0.0 \end{array}$$

A

Work out

- 1 $286 \div 22$
- 2 $378 \div 14$
- 3 $850 \div 25$
- 4 $616 \div 28$
- 5 $396 \div 33$
- 6 $744 \div 16$
- 7 $672 \div 31$
- 8 $528 \div 42$
- 9 $40.5 \div 15$
- 10 $47.6 \div 34$
- 11 $73.6 \div 23$
- 12 $85.5 \div 19$
- 13 $69.7 \div 41$
- 14 $93.6 \div 24$
- 15 $81.0 \div 18$
- 16 $76.8 \div 32$

B

Work out

- 1 $1848 \div 14$
- 2 $4725 \div 21$
- 3 $8690 \div 33$
- 4 $5959 \div 42$
- 5 $3828 \div 29$
- 6 $7257 \div 16$
- 7 $7499 \div 51$
- 8 $8362 \div 37$
- 9 $556.6 \div 22$
- 10 $478.8 \div 38$
- 11 $63.24 \div 17$
- 12 $709.5 \div 43$
- 13 $81.94 \div 34$
- 14 $3523 \div 26$
- 15 $941.4 \div 18$
- 16 $91.85 \div 55$
- 17 A jug holding 4.5 litres of juice is poured equally into 25 glasses. How much juice is in each glass?
- 18 Usama saves the same amount of money each week. In one year he saves £351. How much does he save each week?
- 19 The total weight of 32 identical parcels is 81.92 kg. What does each parcel weigh?
- 20 Each pin is made from 18 mm of wire. How many pins can be made from a 3.2 m wire?

C

Work out

- 1 $222.25 \div 35$
- 2 $2901.3 \div 19$
- 3 $14.842 \div 41$
- 4 $33840 \div 27$
- 5 $21.736 \div 52$
- 6 $3565.9 \div 13$
- 7 $15000 \div 24$
- 8 $543.66 \div 39$
- 9 $62437 \div 15$
- 10 $47.554 \div 31$
- 11 $2041.2 \div 28$
- 12 $617.32 \div 44$
- 13 $13.752 \div 36$
- 14 $58465 \div 23$
- 15 $123.75 \div 45$
- 16 $77.064 \div 57$