

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 $1848 \div 14$ 9 $556.6 \div 22$

2 $4725 \div 21$ 10 $478.8 \div 38$

3 $8690 \div 33$ 11 $63.24 \div 17$

4 $5959 \div 42$ 12 $709.5 \div 43$

5 $3828 \div 29$ 13 $81.94 \div 34$

6 $7257 \div 16$ 14 $3523 \div 26$

7 $7499 \div 51$ 15 $941.4 \div 18$

8 $8362 \div 37$ 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 $33\,840 \div 27$

5 $21.736 \div 52$

6 $3565.9 \div 13$

7 $15\,000 \div 24$

8 $543.66 \div 39$

9 $62\,437 \div 15$

10 $47.554 \div 31$

11 $2041.2 \div 28$

12 $617.32 \div 44$

13 $13.752 \div 36$

14 $58\,465 \div 23$

15 $123.75 \div 45$

16 $77.064 \div 57$