

TARGET To use the formal written method of long division.

Examples

$$853 \div 24$$

$$\begin{array}{r} 35 \\ 24 \overline{)853} \\ \underline{720} \quad (24 \times 30) \\ 133 \\ \underline{120} \quad (24 \times 5) \\ 13 \\ \text{Answer } 35 \text{ r } 13 \\ \text{or } 35\frac{13}{24} \end{array}$$

$$4259 \div 18$$

$$\begin{array}{r} 236 \\ 18 \overline{)4259} \\ \underline{36} \downarrow \\ 65 \\ \underline{54} \downarrow \\ 119 \\ \underline{108} \\ 11 \\ \text{Answer } 236 \text{ r } 11 \\ \text{or } 236\frac{11}{18} \end{array}$$

$$5091 \div 35$$

$$\begin{array}{r} 145\frac{16}{35} \\ 35 \overline{)5091} \\ \underline{35} \\ 159 \\ \underline{140} \\ 191 \\ \underline{175} \\ 16 \\ \text{Answer } 145 \text{ r } 16 \\ \text{or } 145\frac{16}{35} \end{array}$$

A

Work out

- 1 $325 \div 25$
- 2 $312 \div 13$
- 3 $400 \div 18$
- 4 $709 \div 22$
- 5 $720 \div 31$
- 6 $514 \div 24$
- 7 $550 \div 17$
- 8 $680 \div 29$
- 9 $378 \div 27$
- 10 $588 \div 14$
- 11 $390 \div 19$
- 12 $442 \div 26$
- 13 $529 \div 15$
- 14 $560 \div 42$
- 15 $672 \div 21$
- 16 $481 \div 33$

B

Work out

- 1 $1997 \div 13$
- 2 $3925 \div 32$
- 3 $4080 \div 17$
- 4 $5568 \div 24$
- 5 $6783 \div 41$
- 6 $4900 \div 35$
- 7 $6764 \div 19$
- 8 $9247 \div 28$
- 9 $7973 \div 36$
- 10 $9182 \div 52$
- 11 $8004 \div 23$
- 12 $9527 \div 45$
- 13 $5076 \div 39$
- 14 $6951 \div 27$
- 15 $7544 \div 46$
- 16 $10825 \div 29$
- 17 There are 16 sausages in each pack. How many packs can be made from 8750 sausages?
- 18 A group booking of 36 plane tickets costs £6696. What does each ticket cost?
- 19 Each bag holds 25 coins. How many bags are needed for 6784 coins?

C

Work out

- 1 $18600 \div 15$
- 2 $10469 \div 24$
- 3 $12043 \div 37$
- 4 $65284 \div 26$
- 5 $84637 \div 18$
- 6 $92421 \div 27$
- 7 $14589 \div 34$
- 8 $10607 \div 16$
- 9 $91276 \div 38$
- 10 $13618 \div 43$
- 11 $79054 \div 29$
- 12 $120268 \div 36$
- 13 $68379 \div 54$
- 14 $90240 \div 42$
- 15 $114044 \div 28$
- 16 $105888 \div 65$