TARGET   To use the formal written method of long division.

Examples

$853 \div 24$

$$\begin{array}{r} 35 \\ 24\overline{)853} \\ 720 \quad (24 \times 30) \\ \hline 133 \\ 120 \quad (24 \times 5) \\ \hline 13 \end{array}$$

Answer   *35 r 13*
  or $35\frac{13}{24}$

$4259 \div 18$

$$\begin{array}{r} 236 \\ 18\overline{)4259} \\ 36 \downarrow \\ \hline 65 \\ 54 \downarrow \\ \hline 119 \\ 108 \\ \hline 11 \end{array}$$

Answer   *236 r 11*
  or $236\frac{11}{18}$

$5091 \div 35$

$$\begin{array}{r} 145\frac{16}{35} \\ 35\overline{)5091} \\ 35 \\ \hline 159 \\ 140 \\ \hline 191 \\ 175 \\ \hline 16 \end{array}$$

Answer   *145 r 16*
  or $145\frac{16}{35}$

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 $18\,600 \div 15$
2 $10\,469 \div 24$
3 $12\,043 \div 37$
4 $65\,284 \div 26$
5 $84\,637 \div 18$
6 $92\,421 \div 27$
7 $14\,589 \div 34$
8 $10\,607 \div 16$
9 $91\,276 \div 38$
10 $13\,618 \div 43$
11 $79\,054 \div 29$
12 $120\,268 \div 36$
13 $68\,379 \div 54$
14 $90\,240 \div 42$
15 $114\,044 \div 28$
16 $105\,888 \div 65$