

On this page you will learn an informal method for division.

Examples

$$231 \div 6$$

Approximate $180 \div 6 = 30$

$$240 \div 6 = 40$$

$231 \div 6$ lies between 30 and 40.

Calculate 231

$$\begin{array}{r} 231 \\ - 60 \quad (10 \times 6) \\ \hline 171 \end{array}$$

$$\begin{array}{r} 171 \\ - 120 \quad (20 \times 6) \\ \hline 51 \end{array}$$

$$\begin{array}{r} 51 \\ - 48 \quad (8 \times 6) \\ \hline 3 \end{array}$$

Answer 38 remainder 3

$$618 \div 22$$

$618 \div 22$ is approximately $600 \div 20$ which is 30.

Calculate 618

$$\begin{array}{r} 618 \\ - 220 \quad (10 \times 22) \\ \hline 398 \end{array}$$

$$\begin{array}{r} 398 \\ - 220 \quad (10 \times 22) \\ \hline 178 \end{array}$$

$$\begin{array}{r} 178 \\ - 110 \quad (5 \times 22) \\ \hline 68 \end{array}$$

$$\begin{array}{r} 68 \\ - 66 \quad (3 \times 22) \\ \hline 2 \end{array}$$

Answer 28 remainder 2

A

Work out

1 $116 \div 5$

2 $110 \div 6$

3 $170 \div 7$

4 $199 \div 8$

5 $116 \div 9$

6 $238 \div 5$

7 $253 \div 8$

8 $261 \div 7$

9 $142 \div 6$

10 $193 \div 9$

11 $171 \div 4$

12 $212 \div 8$

13 $211 \div 6$

14 $306 \div 7$

15 $329 \div 5$

16 $320 \div 9$

B

Work out

1 $217 \div 14$

2 $660 \div 31$

3 $602 \div 24$

4 $686 \div 42$

5 $900 \div 37$

6 $841 \div 38$

7 $586 \div 13$

8 $640 \div 36$

9 $634 \div 51$

10 $970 \div 44$

11 $956 \div 27$

12 $746 \div 45$

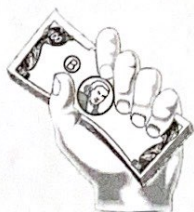
13 $581 \div 22$

14 $830 \div 39$

15 $630 \div 26$

16 $999 \div 33$

17 A tourist exchanges £46 for 598 Swedish kroner. How many kronor would £1 buy?



C

Work out

1 $490 \div 23$

2 $567 \div 15$

3 $1176 \div 21$

4 $1000 \div 24$

5 $619 \div 18$

6 $830 \div 16$

7 $706 \div 32$

8 $1066 \div 26$

9 $1321 \div 43$

10 $774 \div 29$

11 $982 \div 37$

12 $1066 \div 19$

13 There are 32 screws in each bag. How many bags can be filled from 1504 screws?

14 24 identical crates weigh 864 kg altogether. What is the weight of one crate?

15 Aaron earns £19 656 in a year. How much is he paid each week?