

I can divide three-digit numbers by two-digit numbers.

Examples

$526 \div 22$

Estimate

$526 \div 22$

is about

$500 \div 20$

The answer

is about 25.

$$\begin{array}{r} 526 \\ -220 \quad (22 \times 10) \\ \hline 306 \\ \overset{21}{\cancel{306}} \\ -220 \quad (22 \times 10) \\ \hline 86 \\ -66 \quad (22 \times 3) \\ \hline 20 \end{array}$$
 or

$$\begin{array}{r} \overset{41}{5}26 \\ -440 \quad (22 \times 20) \\ \hline 86 \\ -66 \quad (22 \times 3) \\ \hline 20 \end{array}$$

Answer 23r20

A

Work out

- 1 $172 \div 4$
- 2 $147 \div 6$
- 3 $251 \div 3$
- 4 $131 \div 5$
- 5 $257 \div 6$
- 6 $268 \div 7$
- 7 $206 \div 8$
- 8 $553 \div 9$
- 9 $228 \div 5$
- 10 $385 \div 8$
- 11 $381 \div 7$
- 12 $234 \div 9$
- 13 $437 \div 8$
- 14 $855 \div 9$
- 15 $201 \div 7$
- 16 $664 \div 8$

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 florist makes 34 identical bouquets from 476 flowers. How many flowers are there in each bouquet?
- 18 A tourist exchanges £46 for 828 Swedish kronar. How many kronar 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 $1421 \div 43$
- 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?
- 16 One box holds 48 tins. How many boxes are needed for 1104 tins?

I can solve multi-step problems.

Example

A lorry is 2.48 metres wide. The gap between the lorry and the side of the road is 28.5 cm on either side. How wide is the road?

$$28.5 \text{ cm} \times 2 = 57 \text{ cm}$$

$$2.48 \text{ m} = 248 \text{ cm}$$

$$248 \text{ cm} + 57 \text{ cm} = 305 \text{ cm}$$

The road is 3.05 m wide.



A

- 1 The perimeter of a square field is 360 m. What is its area?
- 2 A bottle of medicine contains 0.15 litres. Paige takes 20 ml every day. How many bottles will she need in June?
- 3 Cherie buys two pens for £1.45 each and three pencils for 25p each. How much does she spend?
- 4 There is 2 litres of milk in a bottle. 750 ml is poured into a jug. How many 200 ml glasses can be filled from the milk left in the bottle?
- 5 Six equal lengths are cut from 2 m of string. 20 cm is left over. How long are the lengths of string?
- 6 Large boxes weigh 2.5 kg. Small boxes weigh 800 g. What is the total weight in kilograms of six large and six small boxes?

B

- 1 How many seconds are there in 12 hours?
- 2 George swims 4 km every day. The pool is 50 m in length. How many lengths does he swim in one week?
- 3 Eight 350 ml beakers are filled from a full 4.5 litre flask of tea. How much tea is left in the flask?
- 4 A ribbon is 10 metres long. 4.2 m is cut off. How many 60 cm lengths can be cut from the remaining ribbon?
- 5 A box of six eggs weighs 0.46 kg. The box weighs 40 g. What is the mean weight of the eggs?
- 6 Between them Jack and Joyce have £63.40. Jack has £12.78 more than Joyce. How much do they each have?

C

- 1 A garage entrance is 2.1 m wide. The car is 1.64 m wide. How many centimetres are there between each wall and the car?
- 2 A pilot's training flight lasts 1 hour 25 minutes. How many flights will he make before he has completed 50 hours flying time?
- 3 A punch bowl contains 1.7 litres of drink. 700 ml is added. The drink is shared among eight people. How much do they each have in millilitres?
- 4 Nuts cost £3.80 per kg. Marco buys 650 g. How much change will he receive from £5?
- 5 Scott opens his parachute 750 m above ground level. He has already fallen seven ninths of the way to the ground. How high was the plane flying when he jumped?

