

TARGET To solve 1- and 2-step word problems involving all four operations.

Example

In one hour 1258 vehicles are counted travelling west and half as many travelling east.
How many vehicles are counted altogether?

$$1258 \div 2 = 629$$

$$1258 + 629 = 1887$$

Answer 1887 vehicles



A

- There are 54 books in Cora's bookcase and 37 on her shelf. How many books does she have altogether?
- There are 85 children in Year 5. 39 are girls. How many are boys?
- There are six fish fillets in each pack. How many packs can be made from 48 fillets?
- Lorna collects three boxes of pills from the chemist. There are 40 pills in each box. Each pill weighs 2 g. What is the total weight of the pills in the three boxes?
- Carly has 84 smarties. She eats 18 and shares the rest with a friend. How many smarties does Carly's friend have?
- Sweets cost 9p. Luke buys five. How much change does he get if he pays one pound?



B

- There are 48 stamps on each sheet. How many stamps are there on 12 sheets?
- The afternoon performance of a play is watched by 217 people. 146 more people watch the evening performance. How many people watch the two performances altogether?
- Floyd buys a sofa and an armchair for £918 altogether. The sofa costs £669. What does the armchair cost?
- Two parcels have a combined weight of 4.6 kg. The larger parcel weighs 0.8 kg more than the smaller one. What is the weight of each parcel?
- Isabel buys five apples and one pear. Apples cost 25p. She pays £2 and receives 45p change. What does the pear cost?

C

- School Concert programmes cost 25p. 147 are sold. How much money has been raised by programme sales?
- One can of beans holds 400 g. How many can be filled from 60 kg?
- There is 750 ml of juice in each bottle of orange. There are 24 bottles in each crate. How much juice is there in eight full crates?
- A motor bike costs £4999. In a sale its price is reduced by one tenth. What is the new price?
- In an election the winning candidate received 12 369 votes. The only other candidate received 3517 fewer votes. How many people voted?
- A school orders 240 new pencils. Two fifths are given out. How many are left in stock?

TARGET To solve 2-step word problems involving all four operations.

Example

An athlete buys a stopwatch for £29.50 and a pair of running shoes. He pays £100 and receives £4.51 change. How much do the shoes cost?

$$£100 - £4.51 = £95.49$$

$$£95.49 - £29.50 = £64.99$$

Answer The shoes cost £64.99.

A

- There are 83 children on a playground. 46 go in for lunch. 29 come out from lessons. How many children are on the playground now?
- A quarter of the 24 chocolates in a box have been eaten. The rest are shared equally by three friends. How many do they have each?
- There are eight more people on the upper deck of a boat than on the lower deck. There are 27 people on the lower deck. How many people are on the boat altogether?
- How many seconds are there in five hours?
- Daniel's book has 110 pages. He reads half the book. He then reads another 18 pages. How many pages has he read?

B

- Amber's washing machine costs £450. She pays one fifth as a deposit. How much does she have left to pay?
- A farm shop sells four boxes of 12 eggs and nine boxes of 6 eggs. How many eggs are sold altogether?
- A total of 1872 people live in a village. 539 are men. 617 are women. How many children live in the village?
- Cheese costs £6.00 per kilogram. Victor buys 300 g. How much does he pay?
- On Friday 108 people attend the Casualty Department of a hospital. On Saturday the number of patients increases by one third. How many people attend the Casualty Department on both days altogether?

C

- There are 84 children in Year 5. One twelfth are absent. 28 are on a school trip. How many Year 5 children are in school?
- Each carton of juice holds 750 ml. There are 24 cartons in each box. How much juice is there in five boxes?
- Warren buys a bike. He pays one quarter of the price as a deposit. He still has £78 to pay. How much does the bike cost?
- A cable is 180 m long. 45 m is used. Seven ninths of the remaining cable is used. How much cable is left?
- Mervin and Jonah both earn £640. Mervin saves £150. Jonah saves three eighths of his earnings. How much more does Jonah save?

