

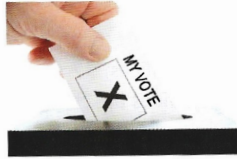
**TARGET** To use written methods to solve word problems.

*Example*

9317 people vote in an election.  
The winner gets 5642 votes. How many people vote for the other candidate?

$$\begin{array}{r} 8 \ 12 \ 1 \\ 9 \ 3 \ 1 \ 7 \\ - 5 \ 6 \ 4 \ 2 \\ \hline 3 \ 6 \ 7 \ 5 \end{array}$$

Answer 3675 people vote for the other candidate.



**A**

- 1 Kumar has three shelves of books. There are 49 books on each shelf. How many books does he have altogether?
- 2 A shop has 258 customers during the morning and 192 during the afternoon. How many customers does the shop have altogether?
- 3 Squads of 8 players in each team take part in a netball tournament. There are 128 players at the tournament. How many teams are taking part?
- 4 How much is sixty-seven £5 notes?
- 5 Hilary has painted 546 paintings. 367 have been sold. How many have not been sold?



**B**

- 1 There are 2195 people living in a village. 1428 of them use the village shop at least once a week. How many of the people in the village do not use the shop that regularly?
- 2 There are seven chicken pieces in each bag. How many chicken pieces are there in 319 bags?
- 3 One quarter of the 268 children in a school have fair hair. How many of the children have fair hair?
- 4 In September 3584 students return to university to continue their studies and 1757 students begin courses. How many students are there at the university?
- 5 A motorway services is used by 5264 male and 4735 female travellers. How many more males than females use the services?
- 6 A machine makes 576 nails every hour. How many nails does it make in six hours?

**C**

- 1 In a televised talent show 93 460 people voted. The winning act received 55 784 votes. How many votes did the other acts receive altogether?
- 2 A store has 1428 shirts in stock. One third of the shirts are white. How many white shirts are in stock?
- 3 A National Park Visitor Centre has 76 927 visitors in one year. In the following year visitor numbers increase by 16 574. How many people visit the Centre in the second year?
- 4 There are nine plants in each tray. How many plants are there in 2435 trays?
- 5 A crowd of 43 157 watch a football cup tie. The crowd for the replay is 38 269. How many more people watched the first game?
- 6 Clothes pegs are sold in packs of 12. How many packs can be made from 1776 pegs?

**TARGET** To use written methods to solve word problems.

*Example*

There are 228 marbles in a jar.  
One sixth of the marbles are blue.  
How many blue marbles are in the jar?

$$\begin{array}{r} 3 \ 8 \\ 6 \overline{) 2248} \end{array}$$

Answer There are 38 blue marbles in the jar.



**A**

- 1 In one year 487 boys and 469 girls are born in a hospital. How many babies are born altogether?
- 2 There are four cans of drink in each pack. How many packs can be made from 96 drinks?
- 3 A plane has 425 passengers on its flight from Manchester to Gibraltar and 179 fewer passengers on the return flight. How many passengers are on the return flight to Manchester?
- 4 A hotel has 75 rooms. Each room is for two people. When the hotel is full how many people are staying there?
- 5 A coach has travelled 376 miles. There is still 149 miles to travel. How long is the coach journey?
- 6 One sixth of the 84 pupils in Year 4 travel to school by bus. How many of the children come to school by bus?

**B**

- 1 Each of the nine rows in a car park has the same number of spaces. There are 441 spaces in the car park altogether. How many spaces are there in each row?
- 2 A school library has 2164 books. During one year 1869 have been borrowed at least once. How many books have not been borrowed?
- 3 Sellers pay £8 each to take part in a car boot sale. How much is raised if 193 cars are used for selling?
- 4 In one year 2179 caravans stopping at a site stay for more than one night while 1869 stay one night only. How many caravans stop at the site altogether?
- 5 Sales of programmes at a theatre raise £825. Programmes cost £3 each. How many programmes are sold?
- 6 Of the 7640 runners taking part in a marathon, 4375 have not run one before. How many of the runners have run a marathon before?

**C**

- 1 Harriet realises she was born exactly 1000 months ago. How old is she in years and months?
- 2 Marcus earns £45 317 in a year. He pays £8659 tax. How much income is left after his tax is paid?
- 3 Each pack has six potatoes. How many potatoes are there in 1865 packs?
- 4 In one year a travel company had 28 394 bookings for a river cruise and 53 768 bookings for a sea cruise. How many cruise bookings were there altogether?
- 5 It costs a family £1106 to rent a villa for one week. How much does the villa cost to rent for one day?
- 6 A driving test is taken by 62 406 people. 35 937 pass. How many people fail the test?

