

### Set B

A pop group is on a world tour. They performed for 415 654 people in July, 362 080 people in August, and 301 208 people in September.

- 1 How many people saw them in July and August in total?
- 2 The total number of tickets available for their shows in July and August was 882 942. How many tickets weren't sold?
- 3 In the three months, how many people went to their shows?

To make raspberry jam, a jam company uses 487 324.7 g of raspberries and 502 894.2 g of sugar every day.

- 4 How much do the ingredients weigh in total?
- 5 When the seeds are removed, the raspberries weigh 449 201.8 g. How much do the seeds weigh?
- 6 To make strawberry jam, they use the same weight of fruit, but 270 472.6 g less sugar. How much do the ingredients weigh in total?

A craft shop has 615 426 beads, 849 372 gold sequins, 518 102 silver sequins and 432 050 cm of lace in stock.

- 7 One customer buys 54 000 beads, and another buys 200 060. How many beads are left?
- 8 A delivery of 300 400 cm of lace arrives, but 132 420 cm is sent back because of damage. How much lace is now in the shop?
- 9 A customer needs a total of 1 574 826 gold and silver sequins. How many extra sequins will the shop need to buy?
- 10 The populations of different types of animals in a rainforest are shown below.

Mammals	362 564
Birds	640 000
Insects	7 890 530

Another 500 035 insects are released into the rainforest. How many more insects are there now than mammals and birds combined?

### Set C

The table below shows the number of visitors to Madrid during three months.

May	300 700
June	834 200
July	1 940 000

- 1 How many more people visited Madrid in July than in May and June combined?

The number of visitors to Barcelona during the same three months was 9 135 865.

- 2 How many fewer visitors did Madrid have than Barcelona in these three months?
- 3 The number of visitors to Barcelona in June was 2 968 050 and in July was 4 672 800. How many people visited Barcelona in May?

- 4 In a TV dance competition, 3 847 324 people voted for the winner. Third place got 1 000 700 fewer votes than the winner. Second place got 352 940 more votes than third. How many people voted for second place?

Nandita thinks of a number.

She tells Conor that if she adds 484.639 to her number, the answer is 704.744.

- 5 Conor calculates that her number was 320.105. Show that his calculation is wrong.

Next, Conor thinks of a number.

He tells Nandita that when you subtract 1351.578 from his number, the answer is 2495.808.

- 6 Nandita works it out to be 3847.386. Show that her calculation is correct.

An estate made up of a mansion, barn, stables and land is worth £4 515 395. The land alone is worth £1 560 480 and the barn is worth £154 622.

- 7 The stables are worth £1 000 080 less than the difference between the land and barn. How much are the stables worth?
- 8 How much is the mansion worth?
- 9 The owner bought the mansion and land for a total of £345 100 less than their current value. What did the mansion and land cost in total?