

Try these questions in your journal or book.

Draw a bar model for each question.

## Challenge Questions

- 1 There are 36 people on a bus.  
Some more people get on.  
There are now 50 people on the bus.  
How many people get on?



- 2 Mo is organising a balloon race.  
Eighty people are taking part.  
Everyone needs a balloon.  
Billy blows up 54 balloons.  
Mo blows up 37 balloons.  
Have they blown up enough balloons?



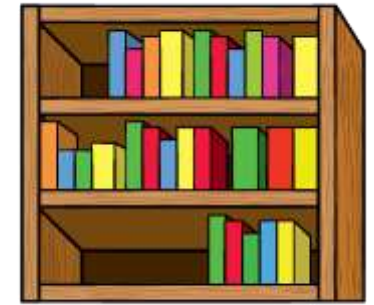
- 3 There are some birds in a tree.  
15 birds fly into the tree.  
12 more fly into the tree.  
There are now 45 birds in the tree.  
How many birds were in the tree at the start?



- 4 Mr Batty has a bookshelf in his classroom.

- The top shelf contains 12 books.
- The middle shelf contains 14 books.
- The bottom shelf contains 5 books.

How many books are on the bookshelf in total?



- 5 Gordon buys these clothes.

He has £100 to start with.

How much does he have left?



- 6 Sasha, Amy and Hanna are three friends.

The sum of Amy and Hanna's age is 54 years.

The sum of all three ages is 83 years.

Amy is 21 years old.

Who is the eldest?

