

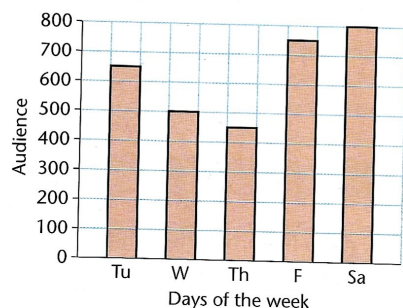
# BAR CHARTS 3

130

**TARGET** To solve problems using information presented in bar charts.

## Example

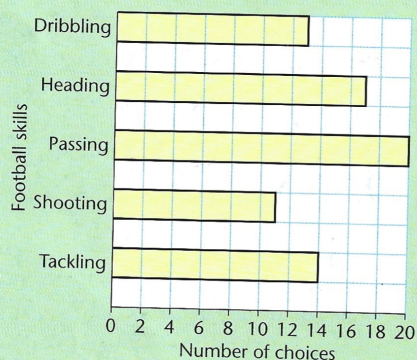
This bar chart shows the size of the audience at each of the five performances of an ice show (Tuesday to Saturday).



- How many people saw the show on Thursday? 450
- How many more people saw the show on Tuesday than on Wednesday? 150 (650 - 500)
- How many fewer people saw the show on Friday than Saturday? 50 (800 - 750)
- What was the total audience:
  - for the last 2 performances 1550 (800 + 750)
  - for the first 3 performances? 1600 (650 + 500 + 450)

## A

The members of a football club were each asked to choose the skill which they thought was their greatest strength. These are the results.

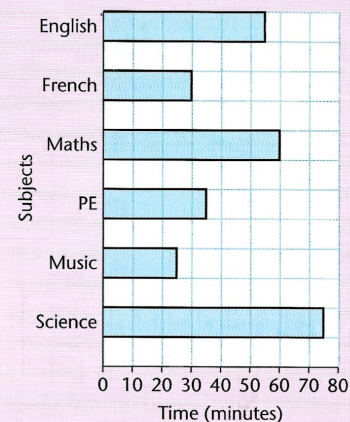


- Which skill was chosen most often?
- Which skill was chosen least often?
- How many club members chose tackling?
- Which skill was chosen by 11 members?
- How many members chose dribbling?
- Which skill was chosen by 20 members?
- How many fewer members chose dribbling than heading?
- How many more members chose passing than shooting?
- How many of the club's players took part in the survey?
- Which skill would you choose?



## B

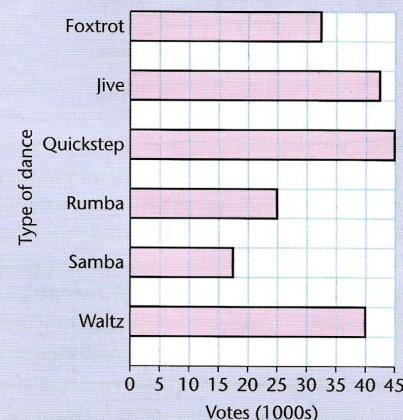
This bar chart shows the length of Class 5's lessons on one Tuesday.



- Which was the shortest lesson?
- Which was the longest lesson?
- How long was the English lesson?
- Which lesson lasted 35 minutes?
- How long was Music?
- Which lesson lasted half an hour?
- How much longer was PE than Music?
- How much shorter was Maths than Science?
- English, French and Maths were taught in the morning; the other three classes in the afternoon. How long were:
  - the morning lessons
  - the afternoon lessons?
- How much longer altogether were the Maths and Science lessons than the English and French?

## C

This bar chart shows the number of votes cast for each dance in a televised celebrity dancing competition.



- Which dance received 17 500 votes?
- How many people voted for the jive?
- How many more people voted for the waltz than the rumba?
- How many fewer people voted for the foxtrot than the quickstep?
- What was the difference between the number of votes received by the most popular dance and the least popular?
- How many people altogether voted for one of the three Latin dances: the jive, the rumba and the samba?
- How many more people voted for one of the three Ballroom dances than for one of the Latin dances?
- How many people voted altogether?