

# Pie charts

03/05/18

## Today we are learning ...

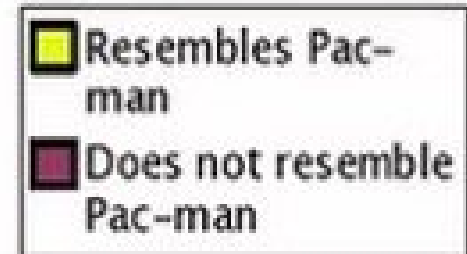
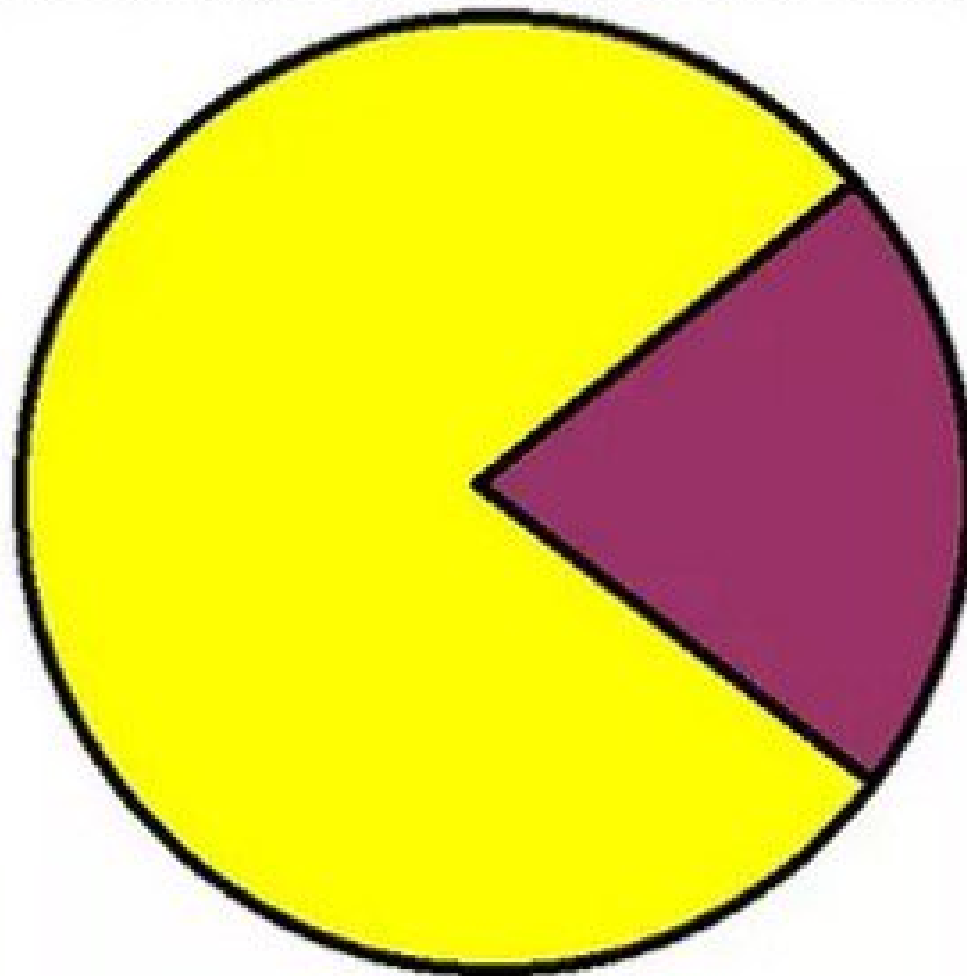
How to answer questions using pie charts

## I know I have been successful if ...




I can solve problems using a fraction from a pie chart.

I can answer a variety of worded problems using pie charts.

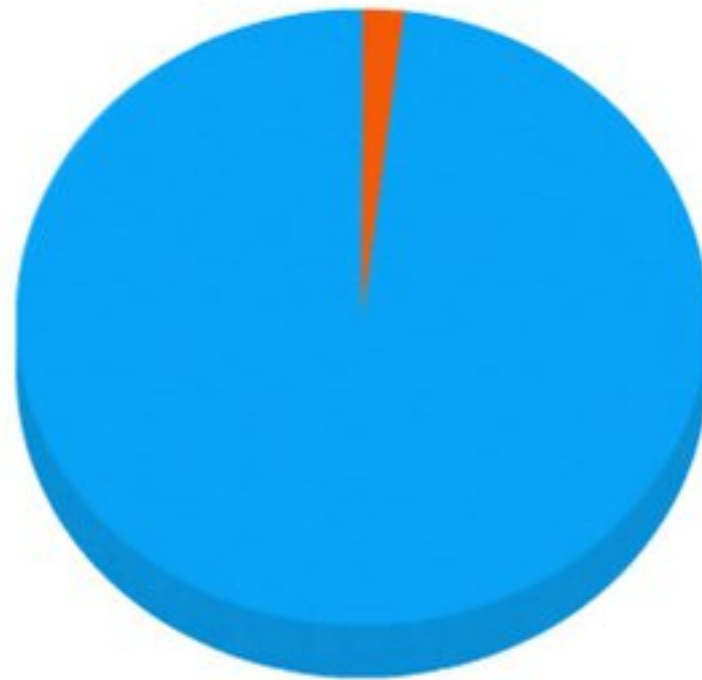
# Percentage of Chart Which Resembles Pac-man







-  **Sky**
-  **Sunny side of pyramid**
-  **Shady side of pyramid**

# NETFLIX



 Time spent looking for movie

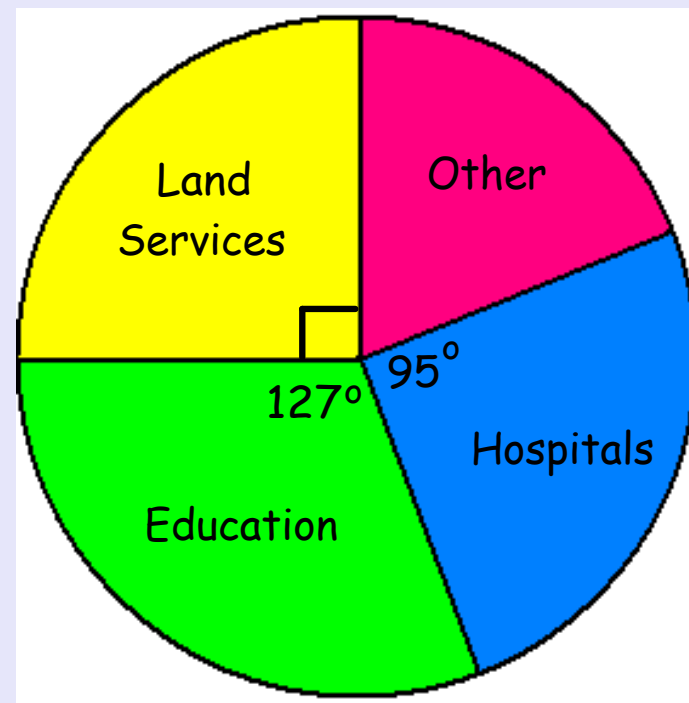
 Time spent watching movie

## Example 1

The pie chart opposite shows how Edinburgh Council spent some of its money last year.

The total amount of money spent was £7,200,000.

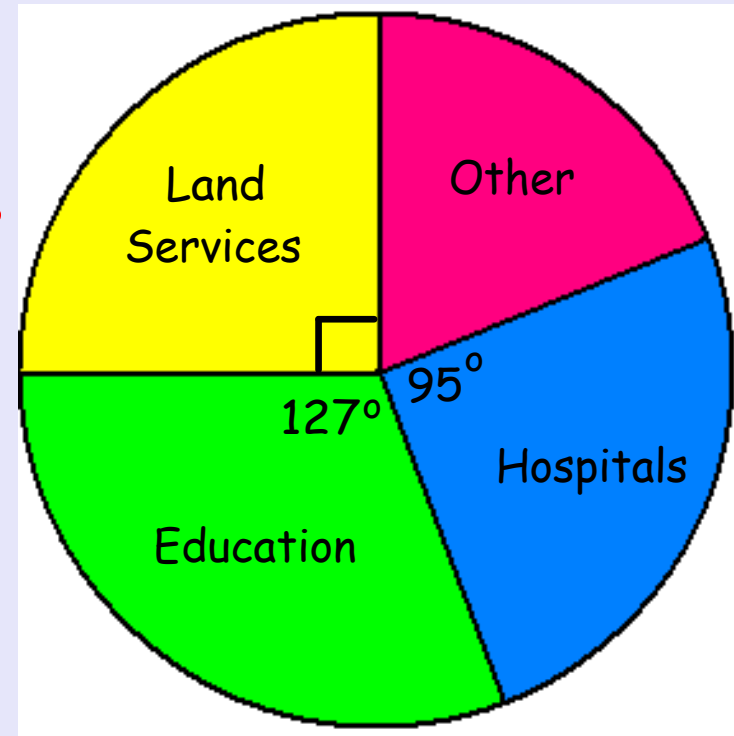
Find the amount of money allocated to each of these sectors.



## Example Revisited

What if we said this time that the total money spent on land services was £1,200,000.

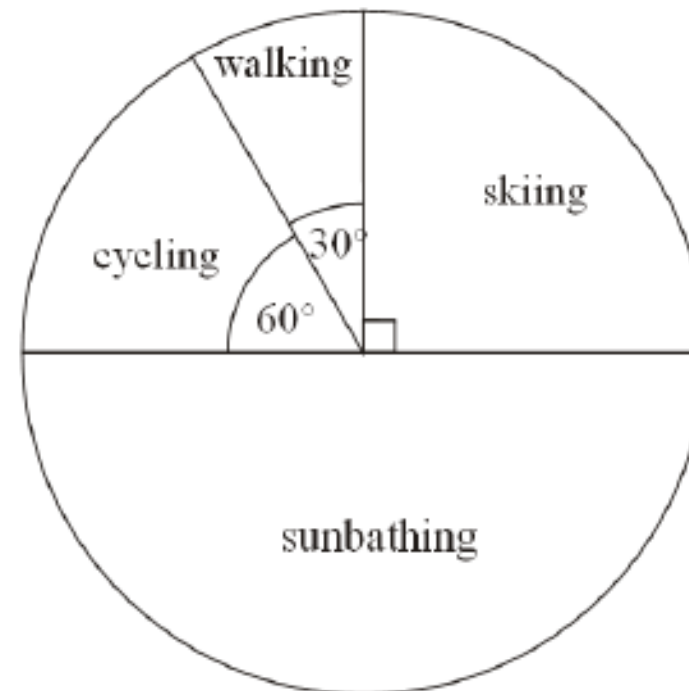
How much money has been spent on hospitals?



## Example 2

Noreen carries out a survey of some students.

The pie chart shows some information about their favourite holiday.



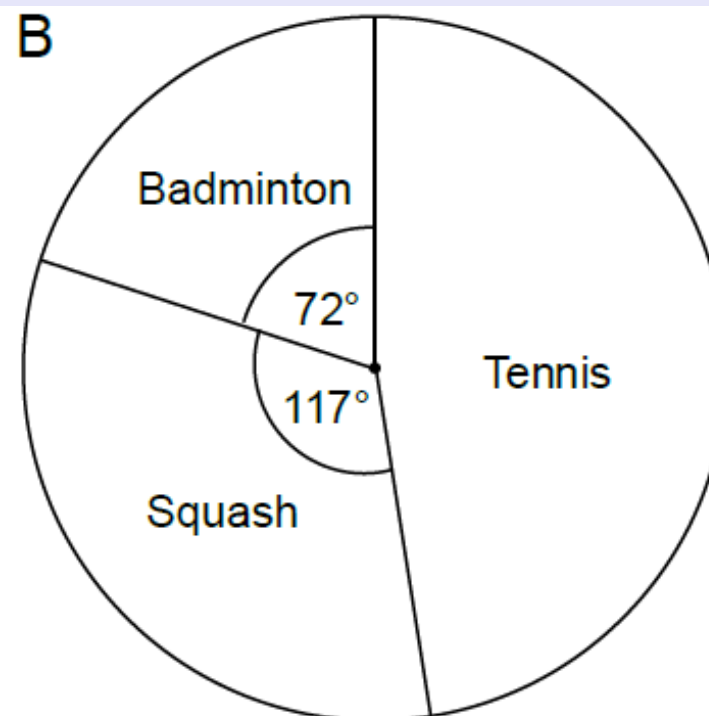
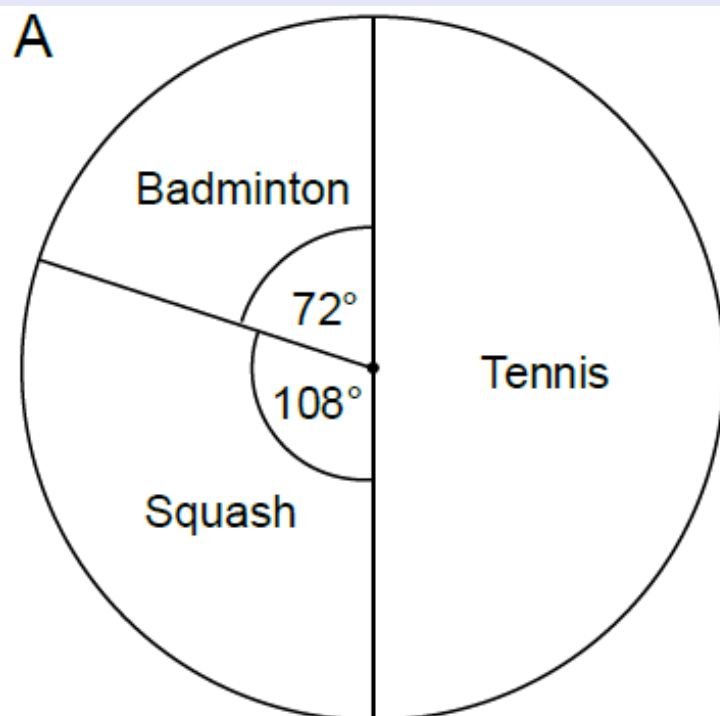
5 students said that walking is their favourite holiday.

How many students took part in the survey?

**Worksheet**



## Consider ...



A group of children had to choose to play one of three sports – tennis, squash or badminton. Pie chart A shows their choices.

One of the children changes sport. Pie chart B shows their choices after this change.

Use the pie charts to work out how many children chose to play badminton.

# Pie charts

04/05/18

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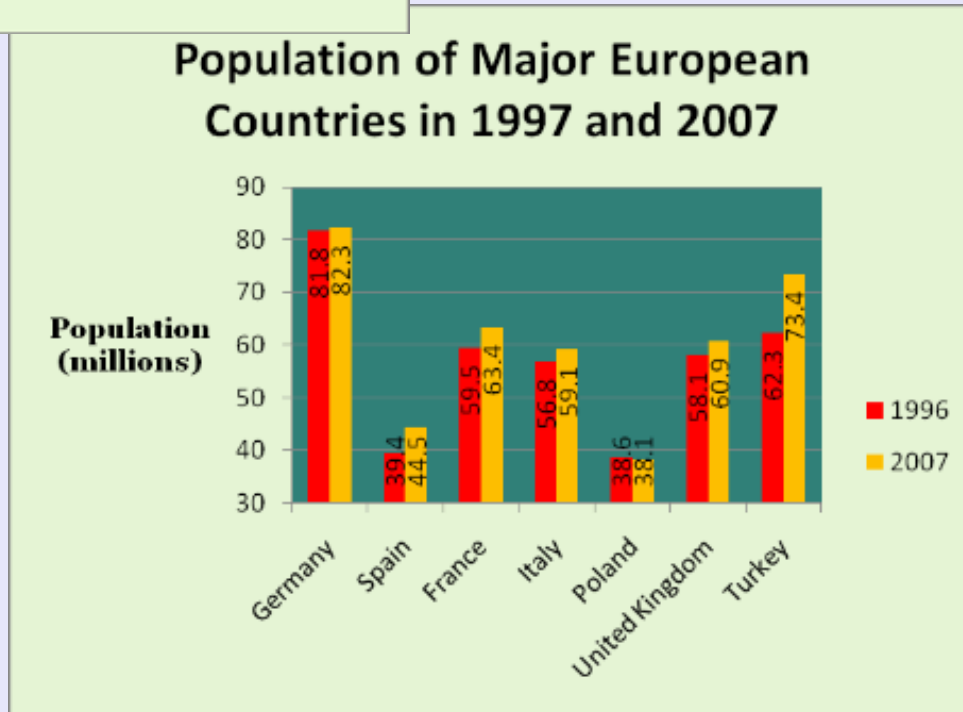
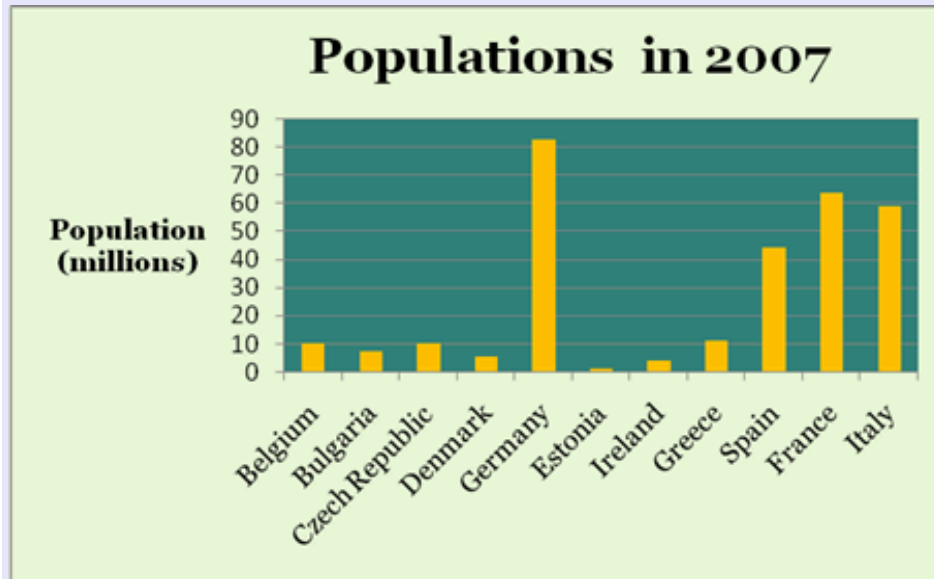
How to answer questions using bar charts

## I know I have been successful if ...

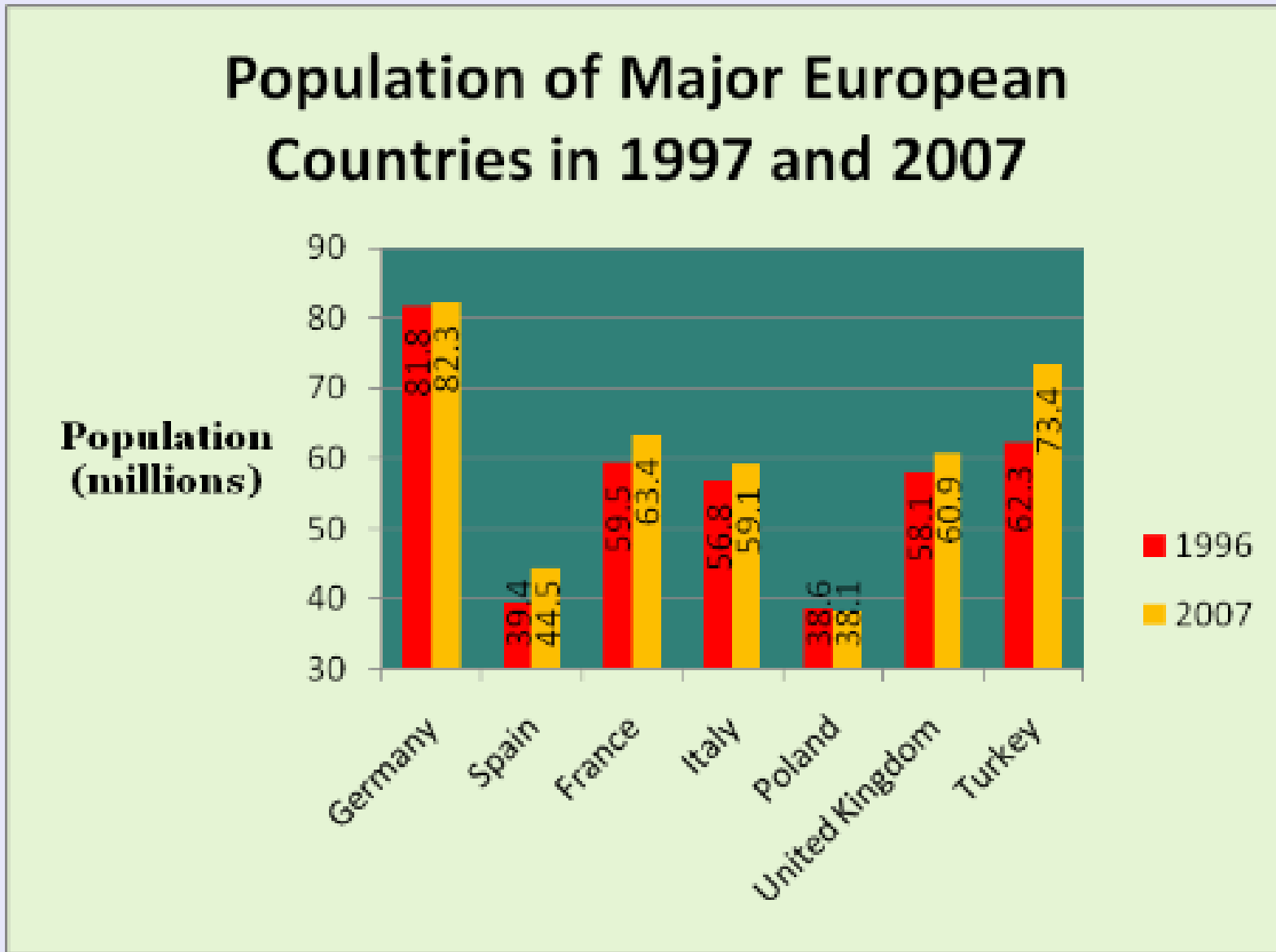
I can answer questions using information found in bar charts.

I can answer a variety of worded problems using bar charts.

## What is the difference between ...

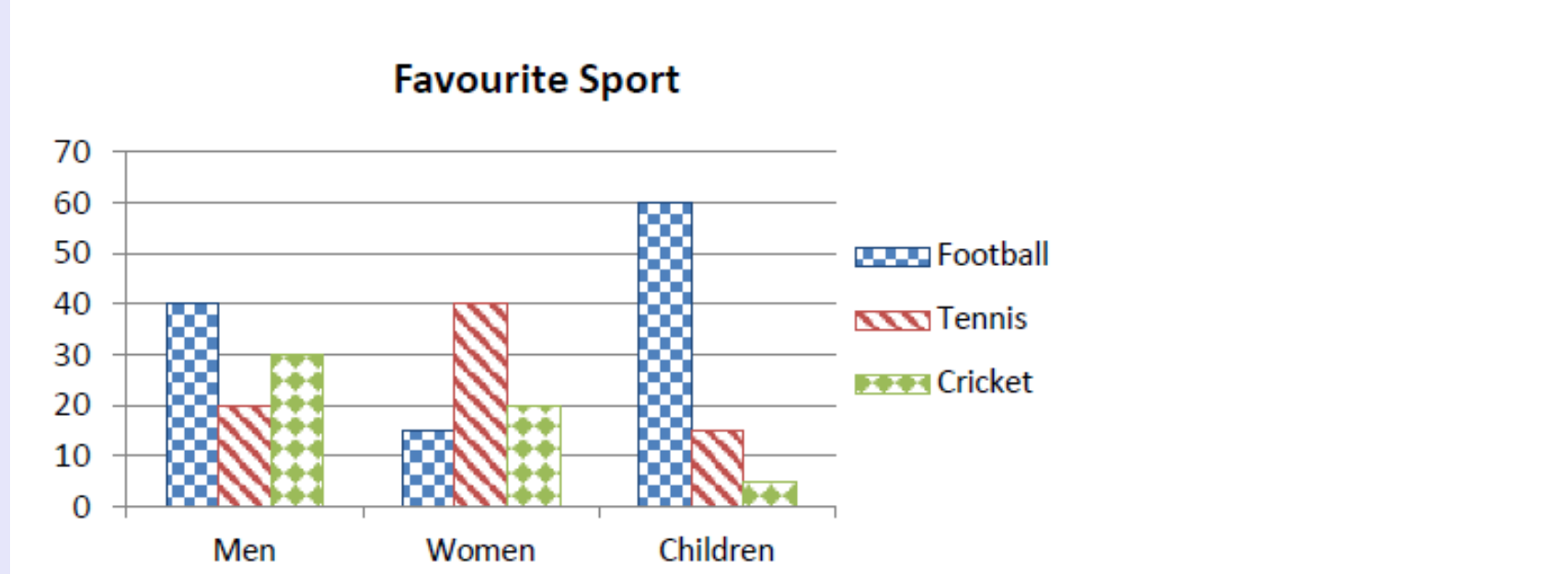


Write down 5 pieces of information from this chart.



## Example

Some people were asked which of football, tennis or cricket was their favourite sport. This bar chart shows the results.



1. Which group had the highest frequency of those who like tennis?
2. What was the total number of men asked?
3. Which groups and sports showed a result of 40?

