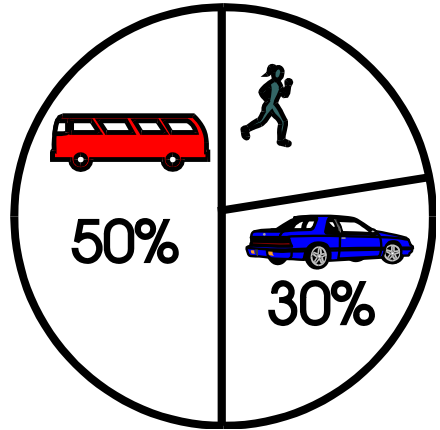


Exercise 5 – Pie Charts

1 This pie chart shows how a group of pupils come to school.

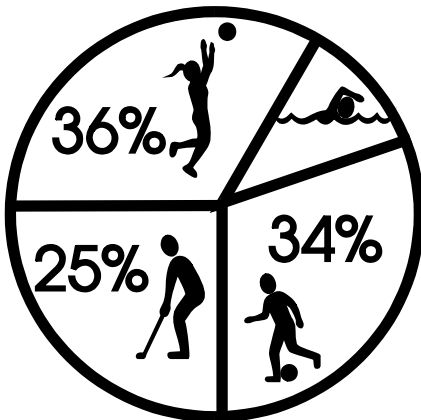
What percentage of pupils come by

- a Bus
- b Car
- c Walking?
- d What are the benefits of walking to school?

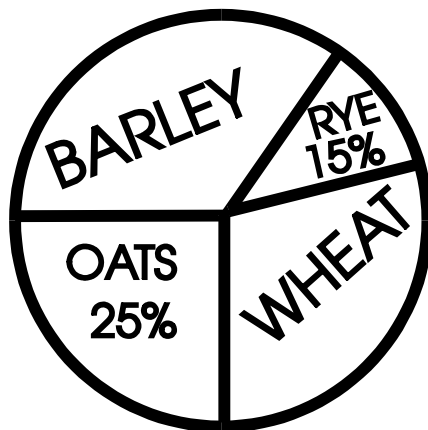


2 This pie chart shows the favourite sport of some pupils.

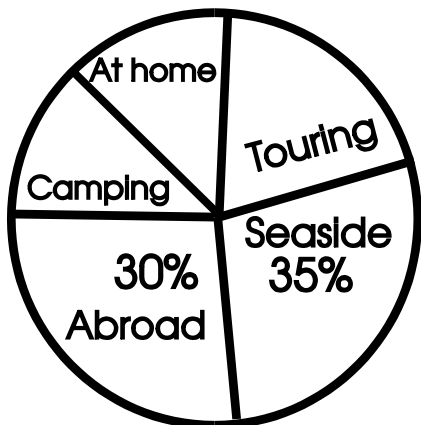
What percentage of pupils have **swimming** as their favourite sport?



- 3 This pie chart shows the different ingredients of a breakfast cereal.
There is the **same amount** of barley and wheat in the cereal.
What percentage of the cereal is barley?



- 4 The pie chart shows the holiday arrangements for a group of people.



- a What percentage went touring if **touring** had **10% fewer** people than **seaside**?
- b If **camping** and **at home** have the same percentage then what is the percentage that stayed **at home**?

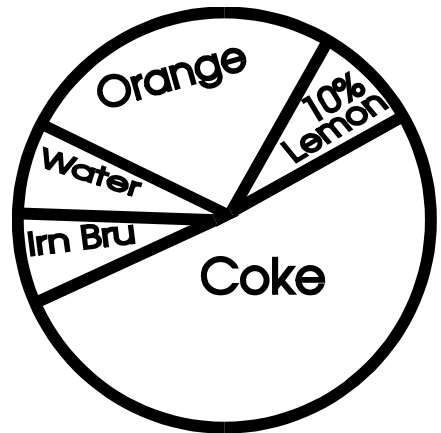
5 This pie chart shows the favourite drink of a group of first year pupils.

Water, Irn Bru and Lemon were equally popular.

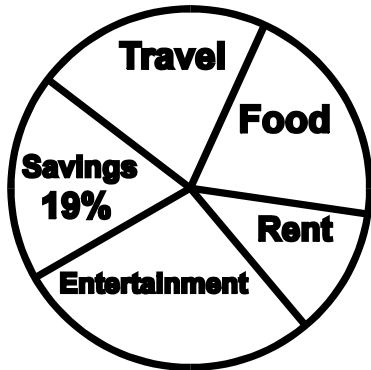
Coke was the favourite drink of half the pupils in the group.

What percentage of pupils has the following drinks as their favourite?

- a Irn Bru
- b Coke
- c Orange



6 This pie chart shows how a family use their income.



They use **19%** of their money for **savings**.

They spend $\frac{1}{4}$ their income on **entertainment**. They also spend $\frac{1}{5}$ of their income on **travel**.

They spend twice as much on food as on rent.

- a Write down the percentages spent on:
 - i) entertainment
 - ii) travel.
- b Write down the total percentage for entertainment, travel and savings.
- c Therefore write down the total percentage for food and rent.
- d Now calculate the percentage for: i) rent ii) food.