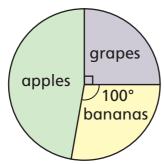
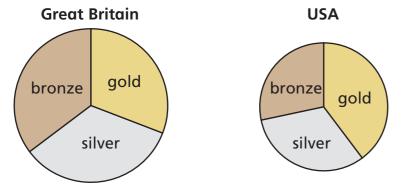
Draw and interpret pie charts

A group of people were asked to choose their favourite fruit out of apples, bananas and grapes.



- a) What percentage of people chose grapes as their favourite?
- b) What fraction of people chose bananas as their favourite? Give your answer in its simplest form.
- c) What is the angle in the pie chart for apples? How do you know?
- The pie charts show the number of bronze, silver and gold medals won by Great Britain and the USA since the modern Olympic Games started in 1896



a) Dexter says, "The pie chart shows that Great Britain has won more bronze medals than the USA."

Do you agree with Dexter? _____

Discuss it with a partner.

b) Great Britain won more medals because their pie chart is bigger.

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Maths

25%

5

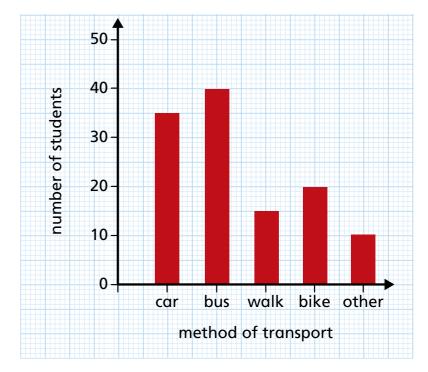
18

170°

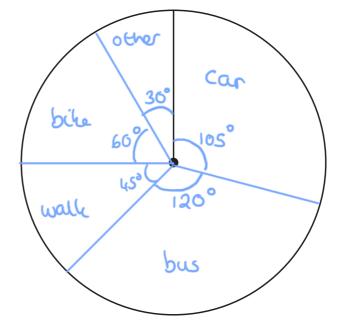
- Is the statement true or false? _______
- c) Write two things you can interpret from the pie charts.

e.g. The USA won more gold medals than branze or silver. A greater proportion of the UK's medals were bronze than the USA's

The bar chart shows the method of transport that a group of students take to school.



Draw a pie chart to represent the data.



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The pie chart is drawn accurately, and shows how Teddy spent his money in January.

He spent £90 in total.

How much money did he spend on each thing?

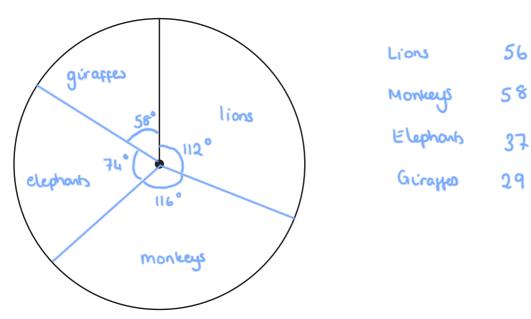




There are some animals in a zoo.

- There are twice as many monkeys as there are giraffes.
- There are 8 more elephants than giraffes.
- There are 2 fewer lions than monkeys.
- There are 56 lions.

Draw a pie chart to show the number of monkeys, giraffes, elephants and lions in the zoo.

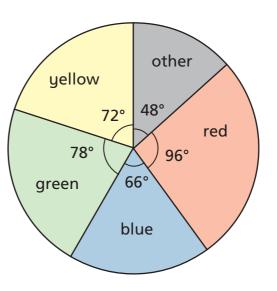




6

A group of students in Years 7 and 8 voted for their favourite colour. The results are shown in the pie charts.





12 students in Year 7 said yellow was their favourite colour.

The number of students in Year 8 who said red was their favourite colour is the same as the number of students in Year 7 who said green was their favourite colour.

How many Year 8 students said that green or yellow was their favourite colour?



