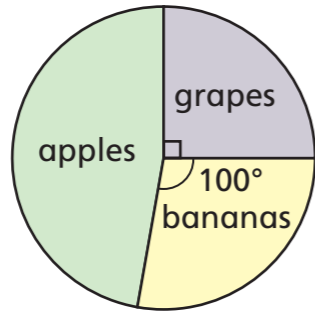


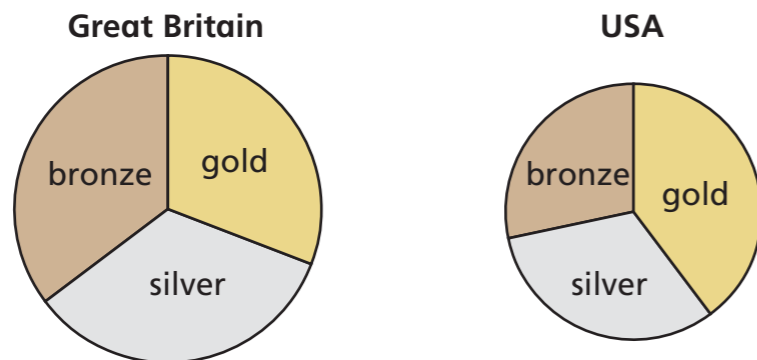
# Draw and interpret pie charts

- 1 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?

- 2 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.

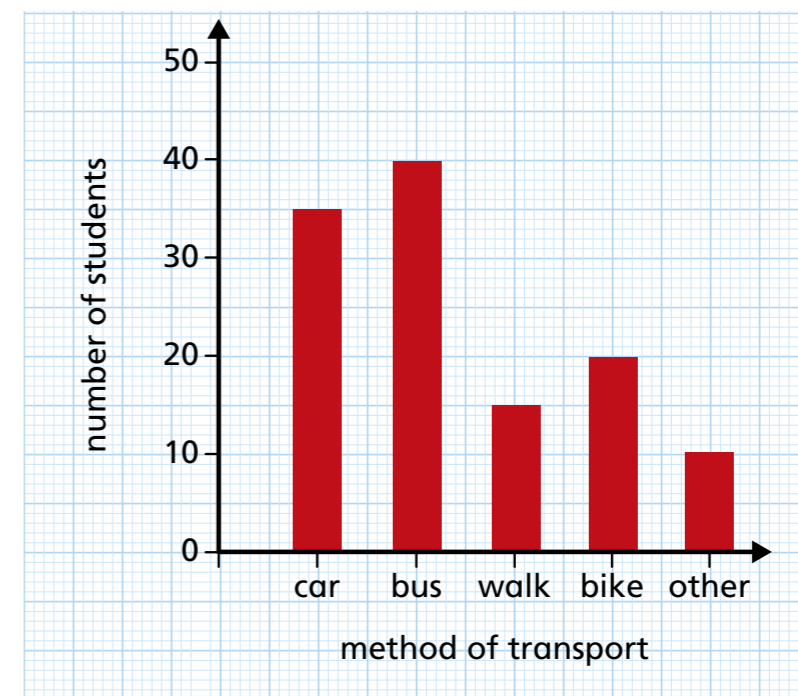
Is the statement true or false? \_\_\_\_\_

- c) Write two things you can interpret from the pie charts.

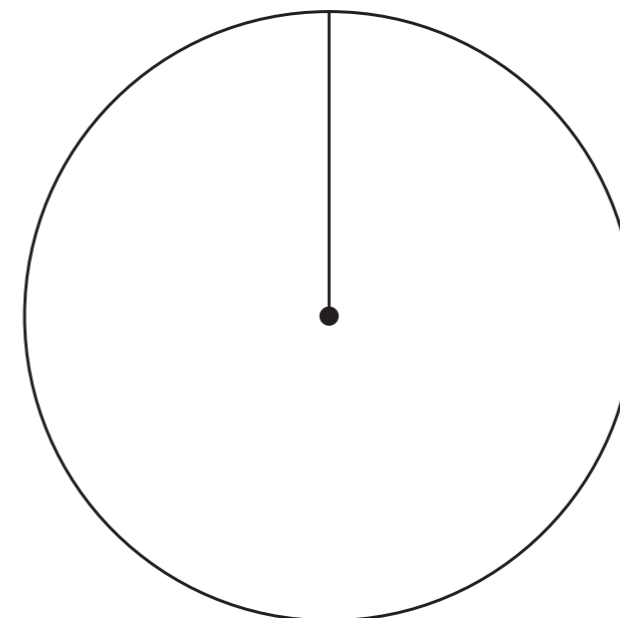
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- 3 The bar chart shows the method of transport that a group of students take to school.



Draw a pie chart to represent the data.

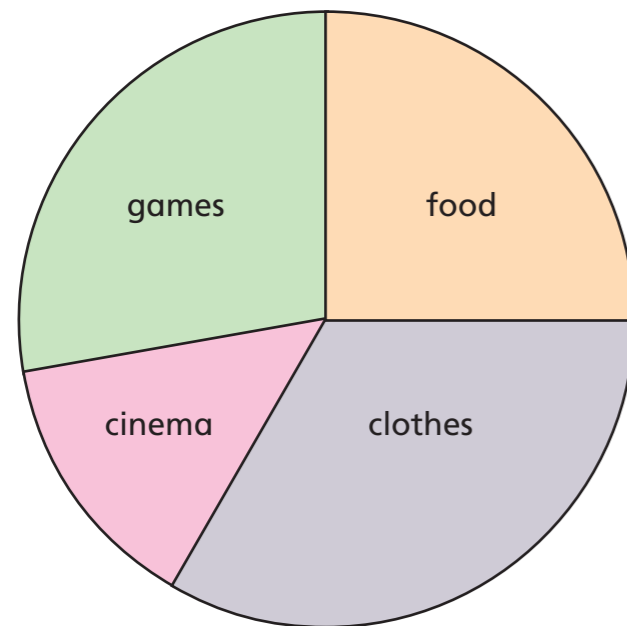




4 The pie chart is drawn accurately, and shows how Teddy spent his money in January.

He spent £90 in total.

How much money did he spend on each thing?



games

food

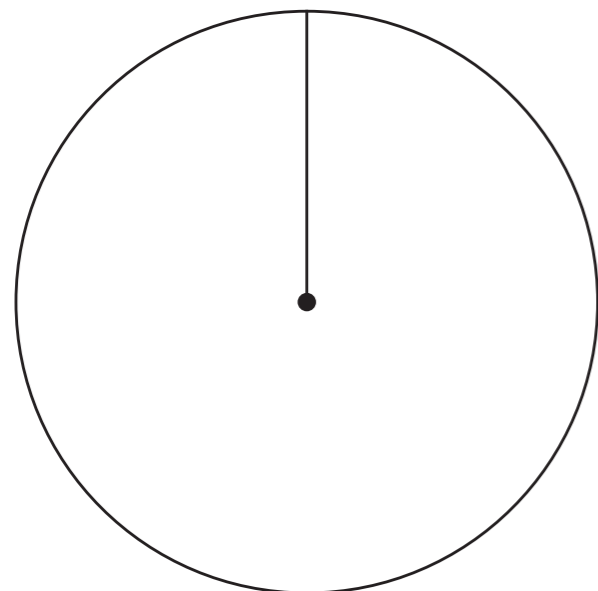
clothes

cinema

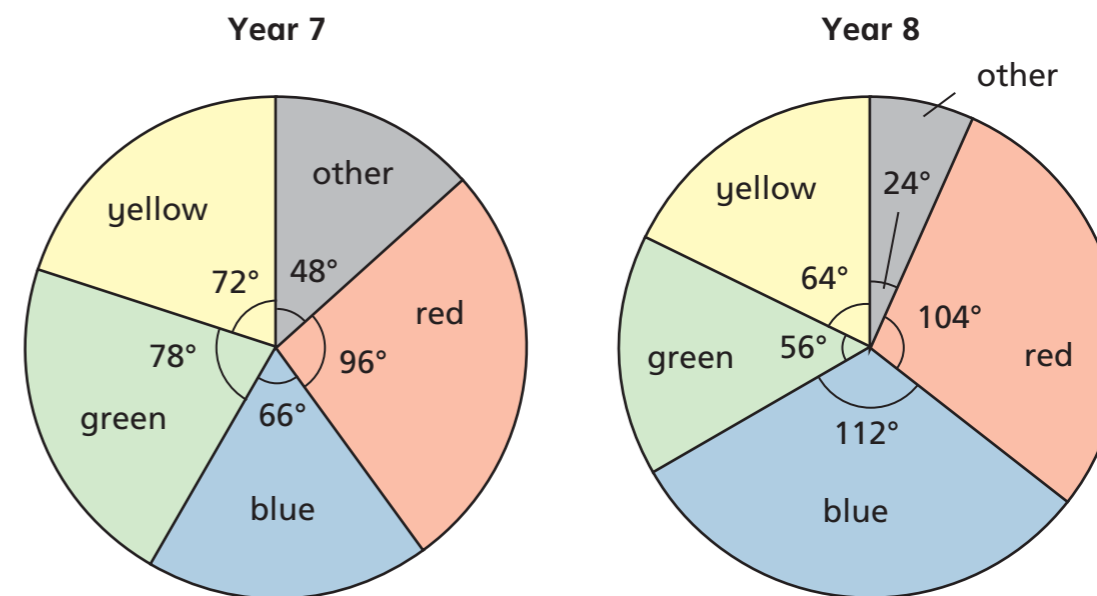
5 There are some animals in a zoo.

- 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?