

# Reading Pie Charts

Video 164 on [www.corbettmaths.com](http://www.corbettmaths.com)

Examples



Click here

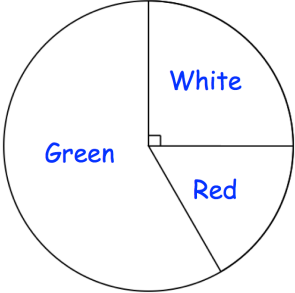


Scan here

Workout

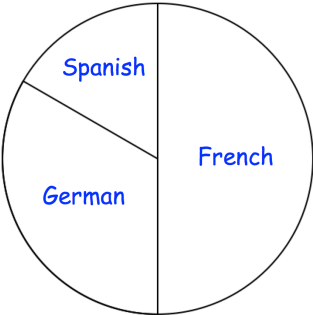
Question 1: This pie chart shows the colour of sweets in a bag.

- (a) What is the most common colour of sweet?
- (b) What is the least common colour of sweet?
- (c) What fraction of the sweets are white?



Question 2: The students in a school study one language. The pie chart shows the languages studied.

- (a) What is the most popular language?
- (b) What is the least popular language?
- (c) What fraction of the students studied French?

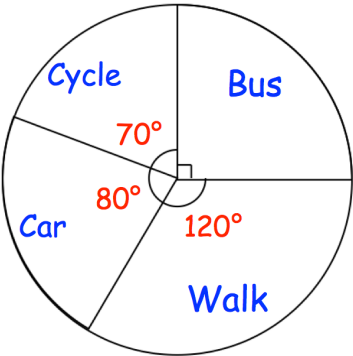


There are 300 students that attend the school.

- (d) How many students study French?

Question 3: The pie charts shows how a group of students travel to school.

- (a) What is the most common method of travel?
- (b) What is the least common method of travel?
- (c) What fraction of the students caught the bus?
- (d) What fraction of the students walked?



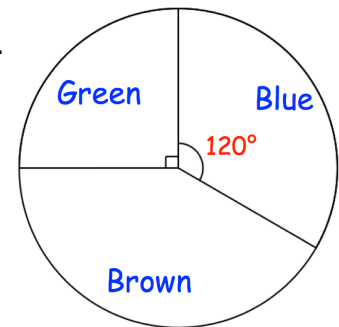
There are 36 students in the group.

- (e) How many students caught the bus?
- (f) How many students walked?



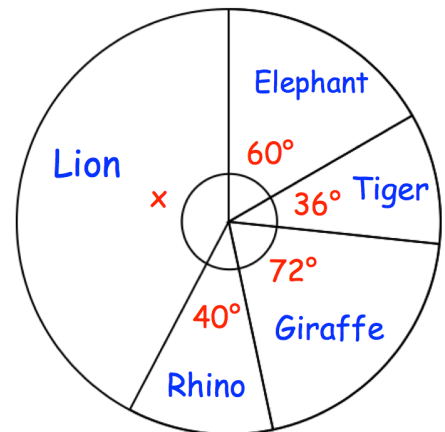
Question 4: There are 24 students in a class.  
The pie chart shows information about their eye colour.

- (a) How many students have green eyes?
- (b) How many students have blue eyes?
- (c) How many students have brown eyes?



Question 5: 90 students went on a school trip to Longleaf Safari Park.  
They were asked their favourite animals.  
The pie chart shows the results.

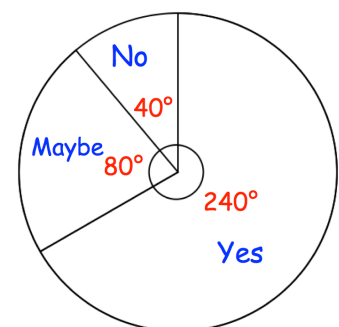
- (a) What fraction of the students chose elephant?
- (b) What fraction of the students chose tiger?
- (c) What fraction of the students chose giraffe?
- (d) What fraction of the students chose rhino?
- (e) Find  $x$
- (f) How many students chose elephant?



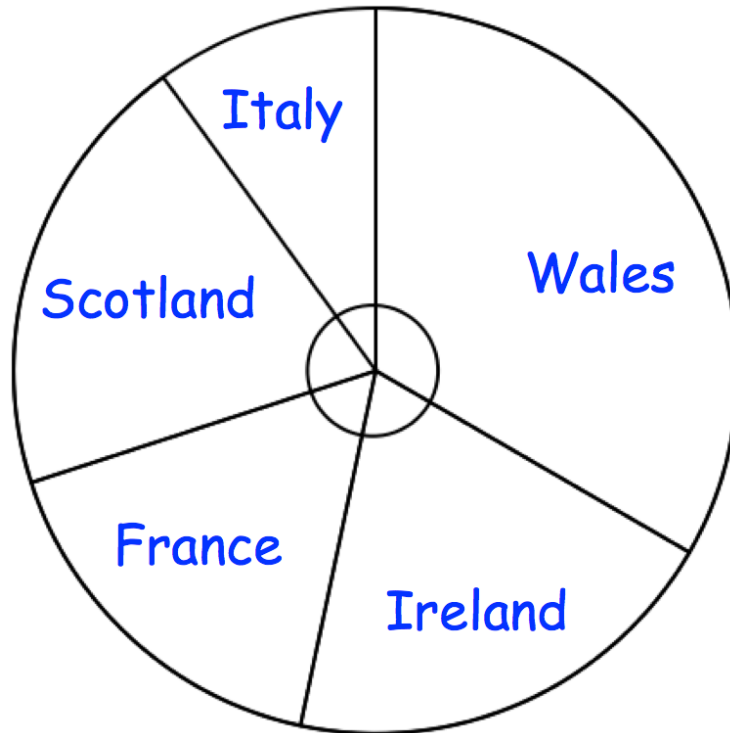
- (g) How many students chose tiger?
- (h) How many students chose giraffe?
- (i) How many students chose rhino?
- (j) How many students chose lion?

Question 6: 90 students were asked if they wanted to attend a history trip.  
The results are shown in the pie chart.

- (a) How many students said No?
- (b) What fraction of the students said Yes?
- (c) How many students said Yes?
- (d) How many students said Maybe?



Question 7: The pie chart below show the holiday destinations of 270 people.  
The pie chart is **drawn accurately**.

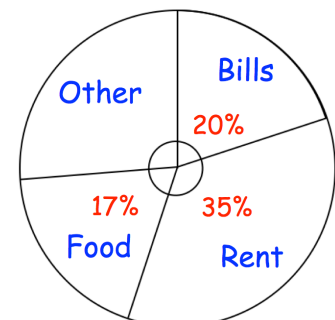


- (a) How many people are going to Wales?      (b) How many people are going to Ireland?  
(c) How many people are going to France?      (d) How many people are going to Scotland?  
(e) How many people are going to Italy?

Apply

Question 1: The pie chart shows how Rosie spent her pay last month.  
She was paid £1200.

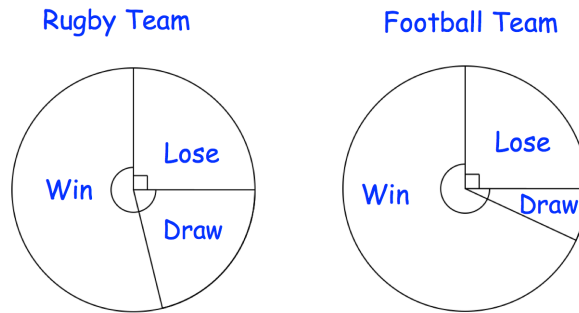
- (a) What percentage of her pay did Rosie spend on Other?  
(b) How much money did Rosie pay on Bills?  
(c) How much money did Rosie pay on Rent?



## Reading Pie Charts

Video 164 on [www.corbettmaths.com](http://www.corbettmaths.com)

Question 2: A school has a football team and a rugby team.  
The pie charts show information about their results last season.



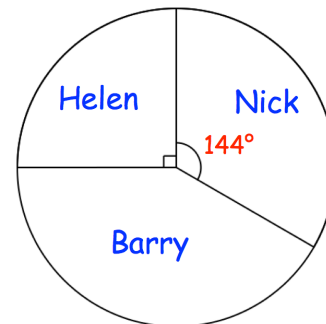
For each statement choose if they are **true**, **false** or **cannot tell**.

- (a) The rugby team and football team both lost a quarter of their matches.
- (b) The rugby team won more matches than they lost.
- (c) The football team won more matches than the rugby team.
- (d) The rugby team drew a larger proportion of their matches than the football team.
- (e) The football team played 10 games last season.

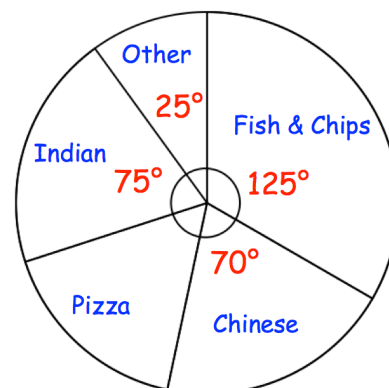
Question 3: Barry won £420 in a competition.

The pie chart shows how he shared the money with his brother, Nick, and sister, Helen.

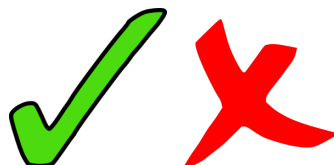
With the money Barry kept for himself, he spent some and invested some, in the ratio 5:2.  
How much money did Barry invest?



Question 4: The pie chart shows information about the visitors to restaurants in a town.  
375 people had fish and chips.  
How many people had pizza?



Answers



Click here



Scan here