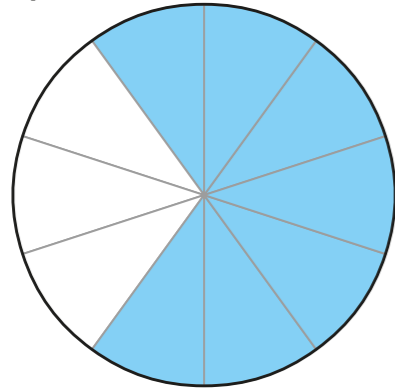


# Use and interpret pie charts

1 What fraction and percentage of each pie chart is shaded?

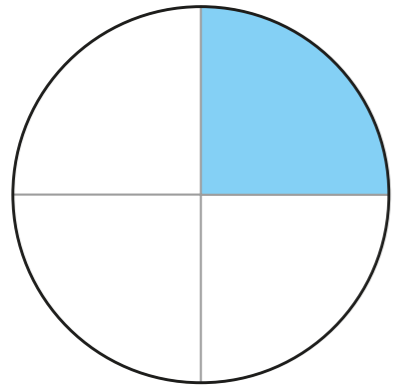
a)



fraction shaded =

percentage shaded =

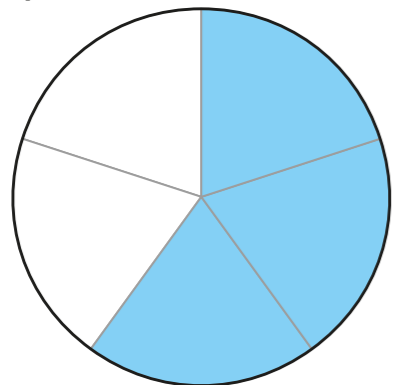
b)



fraction shaded =

percentage shaded =

c)

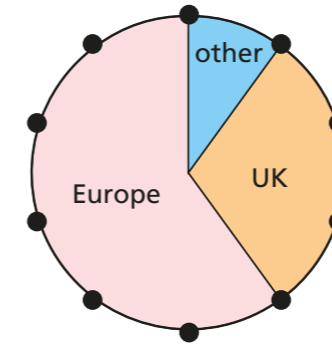


fraction shaded =

percentage shaded =

2

The pie chart shows where some families went on holiday.



a) What fraction of the families took a holiday in the UK?

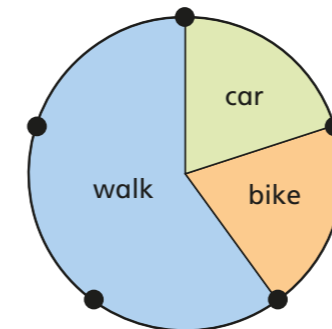
b) What percentage of the families went to Europe?

c) What proportion of families went to somewhere other than the UK or Europe?

Give your answer as a decimal.

3

The pie chart shows how students travel to school.



a) What percentage of students travelled to school by car?

b) What proportion of children walk to school?

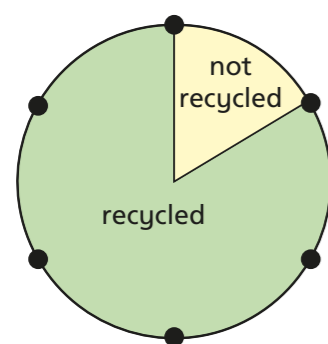
Give your answer as a fraction, decimal and percentage.

fraction =

decimal =

percentage =

- 4 The pie chart shows the amount of waste recycled by a school.



- a) How does the pie chart show that the school recycled more than they did not recycle?

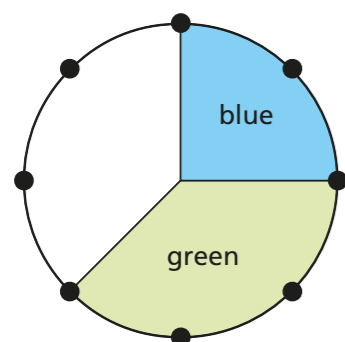
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- b) What fraction of the waste is recycled by the school?

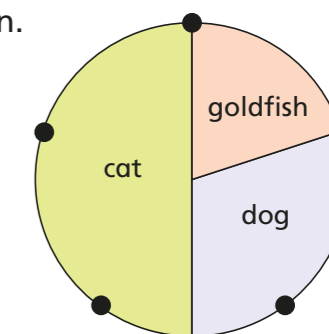
- 5 Part of this pie chart is shaded blue.



- a) What percentage of the pie chart is not blue?

- b) What fraction of the pie chart is green?

- 6 The pie chart shows the pets that some students own.



- a) What percentage of students own a goldfish?

- b) What percentage of students own a dog?

Explain how you worked out your answer.

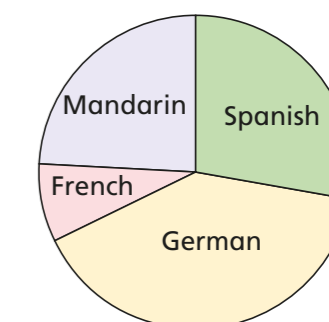
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- 7 Some students took part in a survey about their favourite language.

The pie chart shows the results.



- a) Estimate the percentage of students that chose each language.

Mandarin =

Spanish =

French =

German =

- b) Add up your percentages.

What do you notice?