

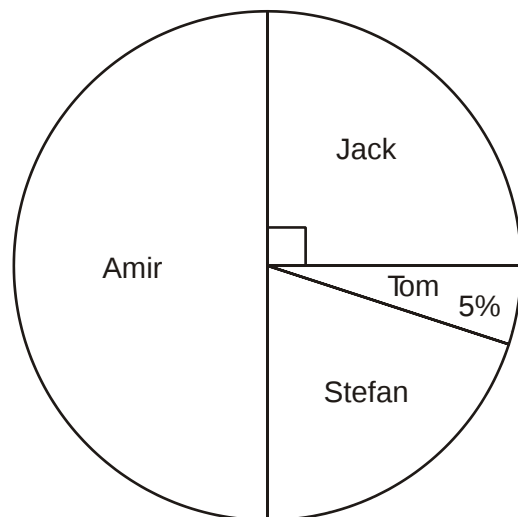
1. **80** children predicted who would win the boys' race at sports day.

This pie chart shows their predictions.

What percentage of the children predicted that Amir would win?



.....



16 children predicted the winner of the race **correctly**.

Who won the race?



.....

Explain how you know.



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2. Class 6 did a survey of the number of trees in a country park.

This pie chart shows their results.

Estimate the **fraction** of trees in the survey that are **oak** trees.



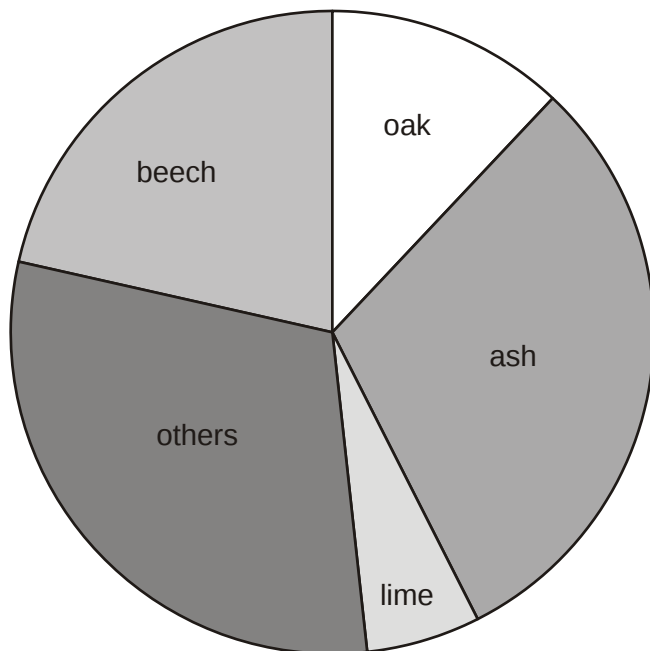
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The children counted 60 **ash** trees.

Use the pie chart to estimate the **number** of **beech** trees they counted.



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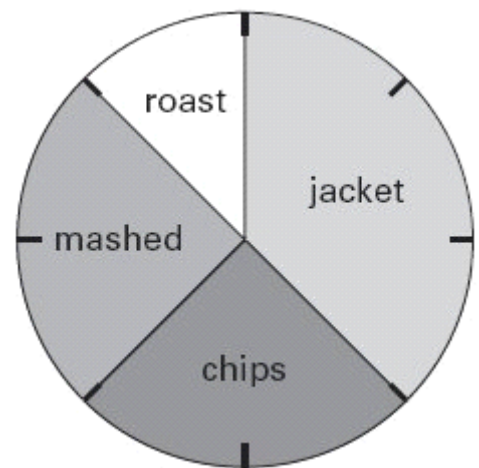
3. This pie chart shows how the children in Class 6 best like their potatoes cooked.

32 children took part in the survey.

Look at the four statements below.

For each statement put a tick (✓) if it is **correct**.

Put a cross (✗) if it is **not correct**.



10 children like chips best.

☐

25% of the children like mashed potatoes best.

☐

$\frac{1}{5}$ of the children like roast potatoes best.

☐

12 children like jacket potatoes best.

☐

4. **80 people** were asked if they owned a pet.

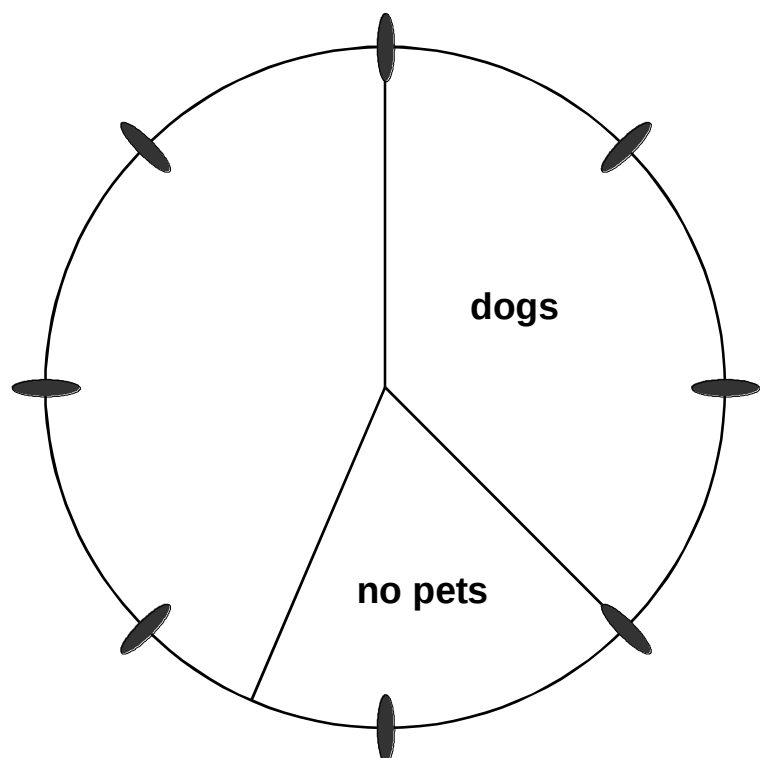
30 had **dogs**

25 had **cats**

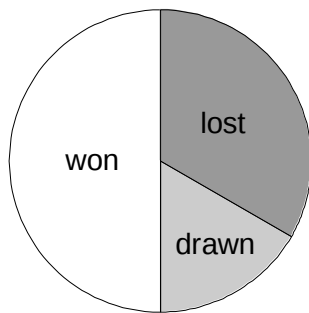
10 had other **pets**

15 had no **pets**

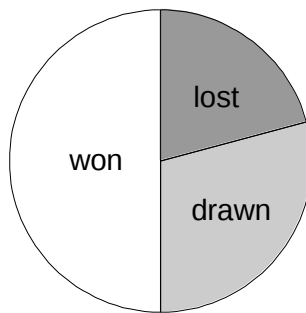
Complete the pie chart
to show this information.



5. The pie charts show the results of a school's netball and football matches.



Netball



Football

The netball team played **30** games.

The football team played **24** games.

Estimate the percentage of games that the **netball team lost**.

%

1 mark

David says,

'The two teams won the same number of games'.

Is he correct?

Circle Yes or No.



Yes / No

Explain how you know.



.....

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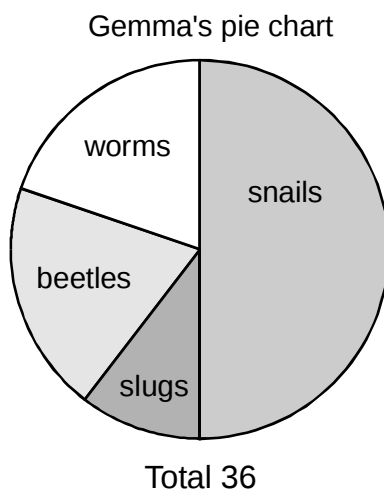
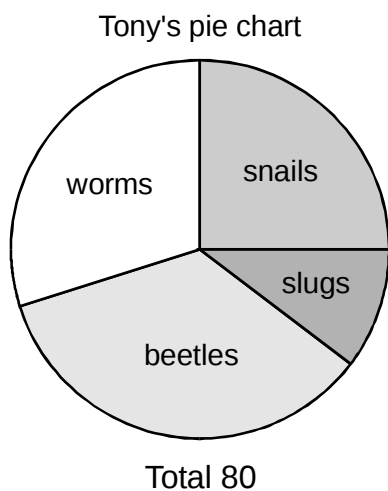
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1 mark

6. Tony and Gemma looked for snails, worms, slugs and beetles in their gardens.



They each made a pie chart of what they found.



Estimate the number of **worms** that **Tony** found.



1 mark

Who found more **snails**?

Circle Tony or Gemma.



Tony / Gemma

Explain how you know.



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.....

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1 mark