



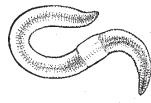
BOOSTER WORKBOOK

Statistics S1a

**Interpret and represent data
in pie charts**

2

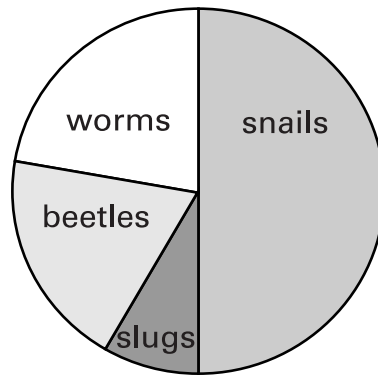
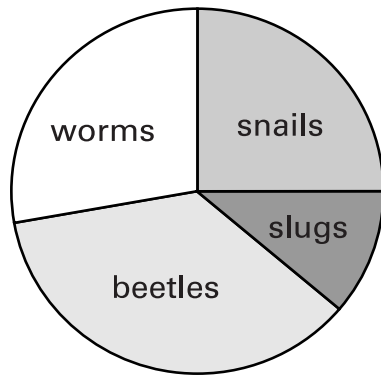
Tony and Gemma looked for snails, worms, slugs and beetles in their gardens.



They each made a pie chart of what they found.

Tony's pie chart

Gemma's pie chart



Total 80

Total 36

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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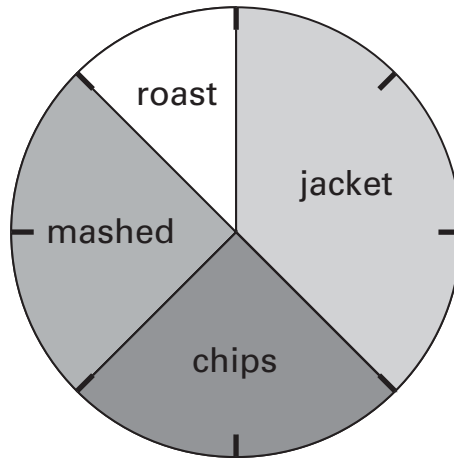
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1 mark

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.

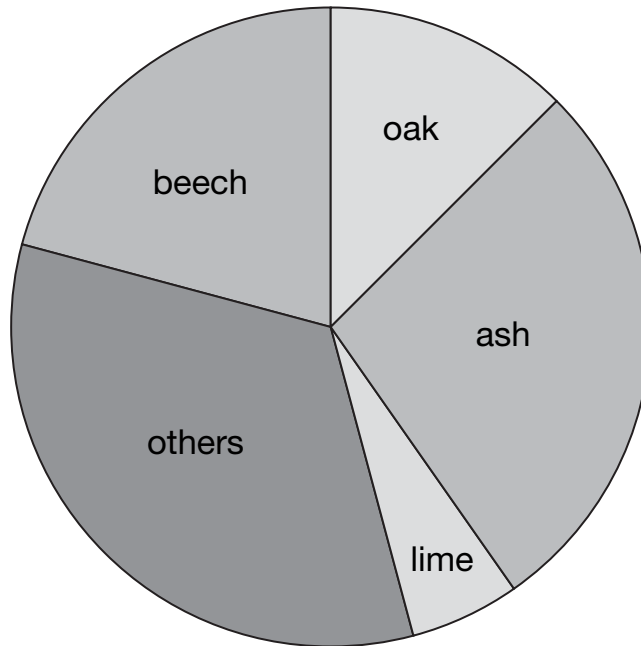
2 marks

4

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.



20a

1 mark

The children counted 60 **ash** trees.

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

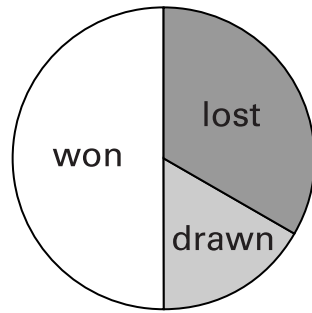


20b

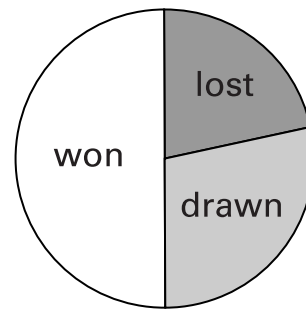
1 mark

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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.....

1 mark