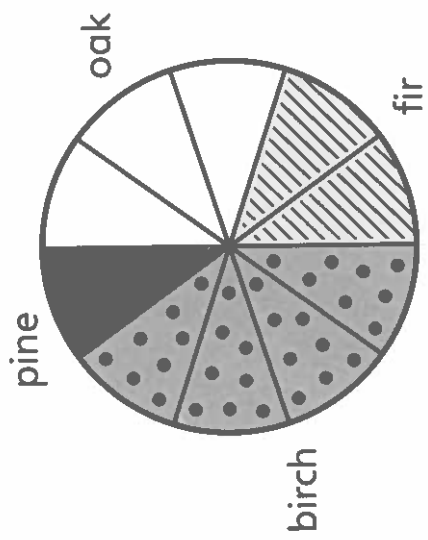


fractions and pie charts 2

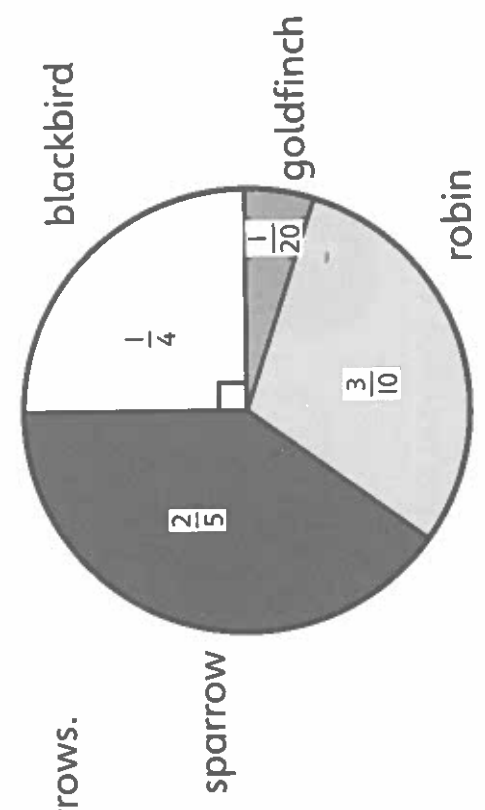
1 The class looked for different species of tree. Complete the table using the information in the pie chart.

Type of tree	Number seen
birch	
oak	12
pine	
fir	
Total	

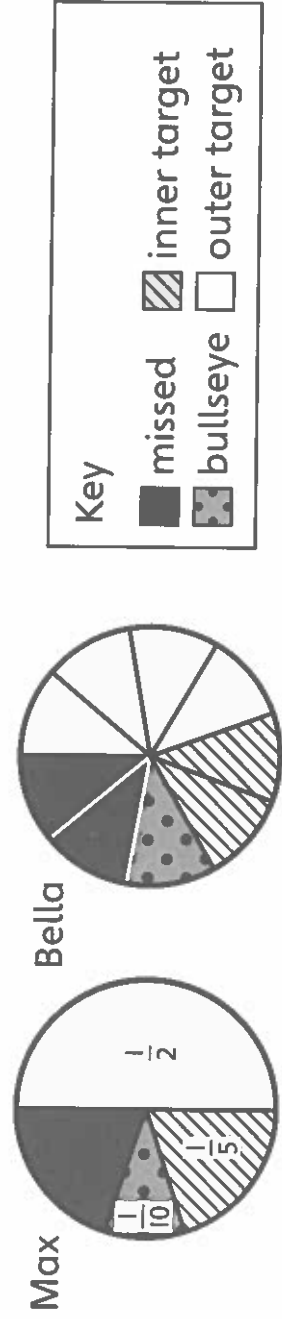


2 There were 24 sightings of sparrows.

- a) How many birds were sighted altogether?
- b) How many blackbirds were sighted?



3 Bella and Max threw beanbags at a target. Bella hit the outer target 28 times. This was two fewer than Max.



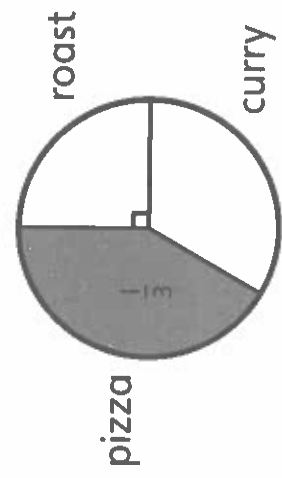
Tick the statements that are true. Put a cross against statements that are false.

- Bella threw more than 70 times. ☐
- Max threw fewer beanbags than Bella. ☐
- Bella scored 3 more bullseyes than Max. ☐

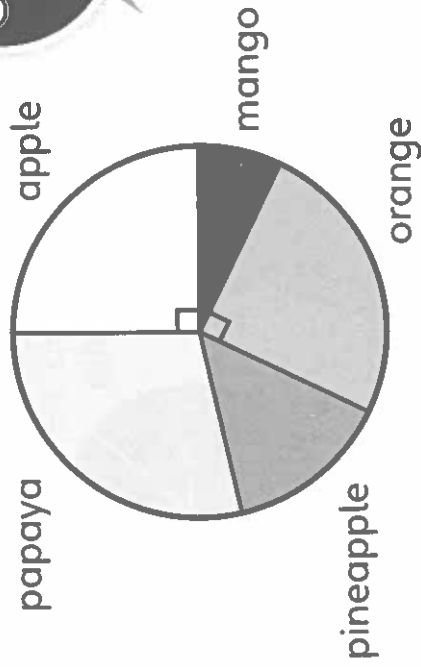
4 This pie chart shows which school dinners the children in Class 6 prefer.

What fraction like curry?

96 children like roast dinner. How many children like pizza and curry?



- 5 This pie chart shows the proportion of ingredients in a tropical fruit drink.



There is twice as much pineapple as mango.

There is twice as much papaya as pineapple.

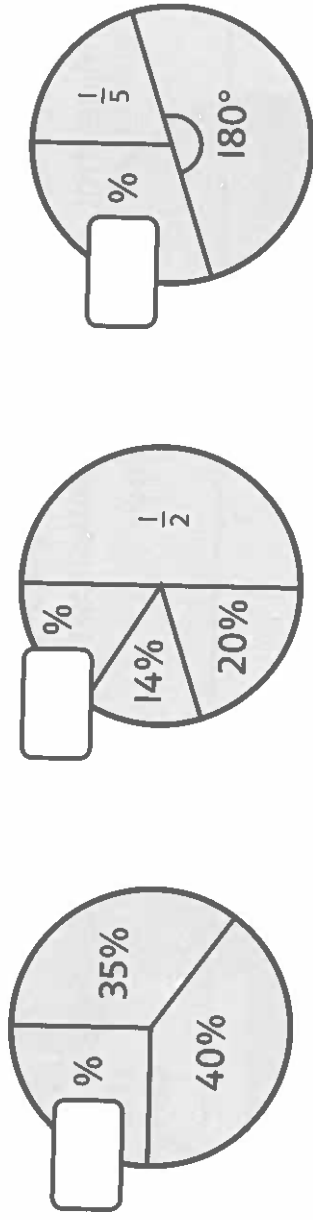
- a) What fraction is mango?
- b) In 350 ml of fruit drink, how much more pineapple is needed than papaya?

Reflect

Write a problem for your partner that gives them a fraction of a pie chart, and they have to work out the whole. Sketch a pie chart to go with the problem.

Percentages and pie charts

- 1 Complete the missing percentages.



- 2 60 people voted for a sports captain.
How many votes did each person receive?

