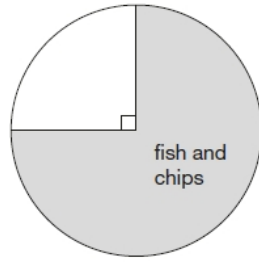


200 girls



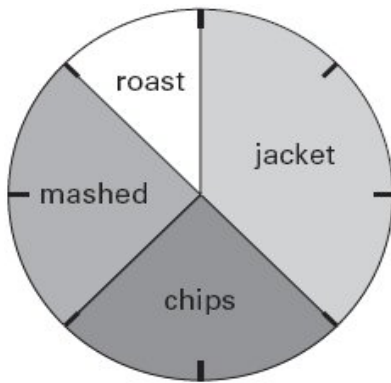
100 boys

1) 200 girls and 100 boys were asked about their favourite meal.

These pie charts show the results

Explain if each of these statements is true or false.

- a) Three-quarters of the boys chose fish and chips. True or false?
- b) Three times as many boys as girls chose fish and chips. True or false?
- c) Altogether, half of the children chose fish and chips. True or false?
- d) 25 more boys than girls chose fish and chips. True or false?



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

32 children took part in the survey.

Explain if each of these statements is true or false.

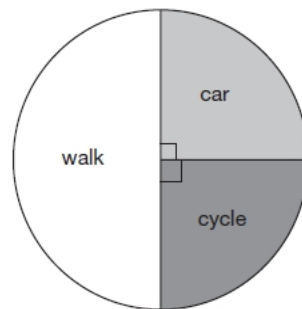
- a) 10 children like chips best. True or false?
- b) 25% of the children like mashed potatoes best. True or false?
- c)  $\frac{1}{5}$  of the children like roast potatoes best. True or false?
- d) 12 children like jacket potatoes best. True or false?

3) Megan asked children from two different schools: *How do you travel to school?*

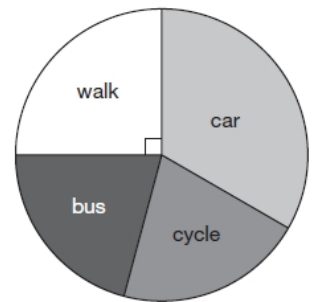
These pie charts show her results.

Megan says:

*'The number of children walking to Foxwood school is more than the number walking to Midtown school.'*

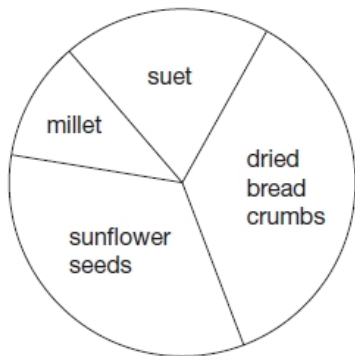


Foxwood school  
80 children



Midtown school  
240 children

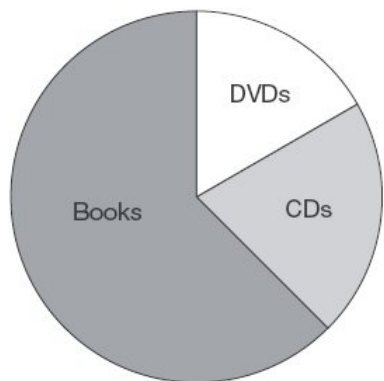
Is she correct? Explain how you know.



4) This pie chart shows the ingredients to make a food mixture for wild birds.

a) Estimate the percentage of mixture that is suet.

b) Mina uses 100 grams of millet in the mixture. Estimate how many grams of sunflower seeds she should use.



5) A shop sells books, CDs and DVDs.

This pie chart shows the sales of each in one week.

a) Estimate the fraction of the total sales that were DVDs.

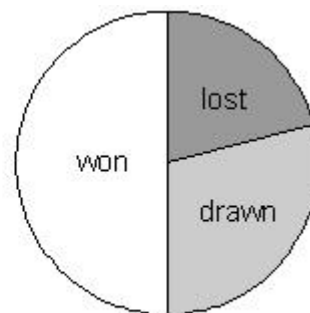
b) In this week, 200 CDs were sold. Estimate how many books were sold.

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

The netball team played 30 games.  
The football team played 24 games.



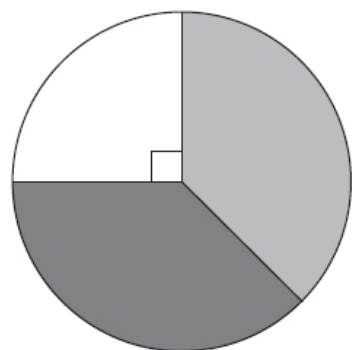
Netball



Football

a) Estimate the percentage of games that the netball team lost.

b) David says: 'The two teams won the same number of games'.  
Is he correct? Explain how you know.



Key:

-  Water
-  Juice
-  Soft drinks

7) A shop sells drinks.

The pie chart compares the money a shop made last year for water, juice and soft drinks.

The shop made £8,264 from soft drinks.  
Sales of water and juice were equal.

How much money did the shop make for juice last year?