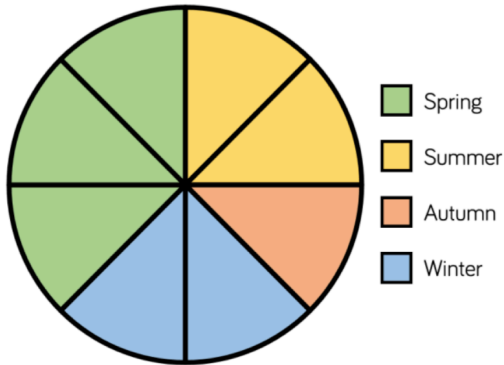


## Wednesday Extra Challenge with Answers

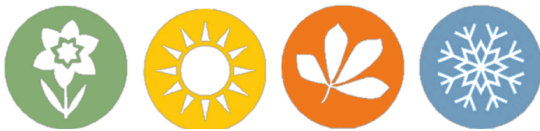
1.

In a survey people were asked what their favourite season of the year was. The results are shown in the pie chart below. If 48 people voted summer, how many people took part in the survey?

Our favourite time of year



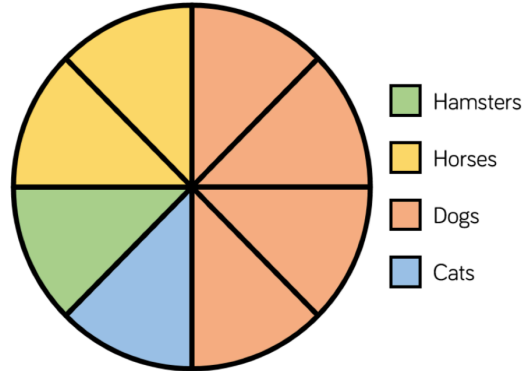
Explain your method.



2.

96 people took part in this survey.

Our favourite pets



How many people voted for cats?  
 $\frac{3}{8}$  of the people who voted for dogs were male. How many females voted for dogs?

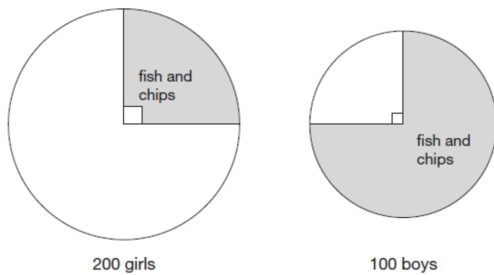
What other information can you gather from the pie chart?

Write some questions about the pie chart for your partner to solve.

3.

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

These pie charts show the results.



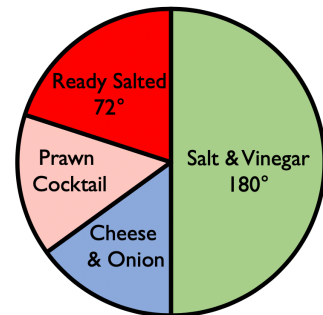
Look at the pie charts.

For each statement put a tick (✓) if it is true or a cross (✗) if it is false.

- Three-quarters of the boys chose fish and chips.
- Three times as many boys as girls chose fish and chips.
- Altogether, half of the children chose fish and chips.
- 25 more boys than girls chose fish and chips.

4.

Miss Jones is carrying out a survey in class about favourite crisp flavours. 15 pupils chose salt and vinegar.



How many fewer people chose ready salted?