

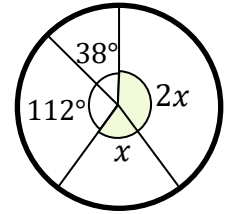
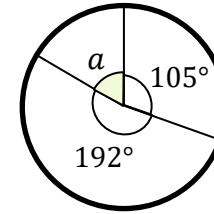
Building Blocks - Pie Charts

Block 1

Complete the equivalent fractions

a) $\frac{120}{360} = \frac{1}{\quad}$ b) $\frac{1}{4} = \frac{\quad}{360}$ c) $\frac{7}{10} = \frac{\quad}{360}$ d) $\frac{2}{5} = \frac{\quad}{360}$

Find the missing angles



Block 2

Complete the table

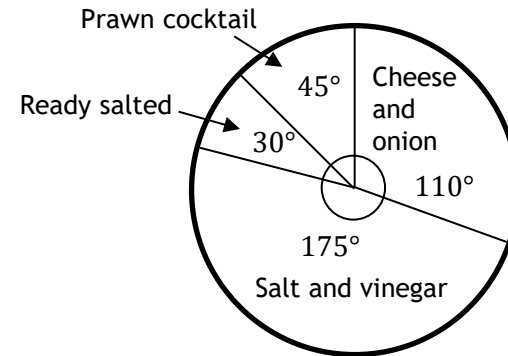
Favourite Colour	Frequency	Angle
Red	26	
Blue	32	
Green	50	
Yellow	11	
Pink	7	
Total		

× _____

In a survey, 60% of people said their favourite side dish was chips.
What angle would this be on a pie chart?

Block 3

The pie chart shows people's preferred flavour of crisps



- Write down the modal flavour.
 - Work out the percentage of people that answered prawn cocktail.
- 22 people said their preferred flavour is cheese and onion.
- Work out the total number of people shown in the pie chart.

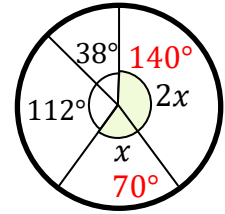
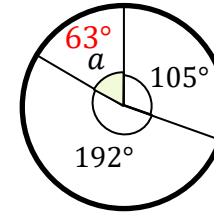
Building Blocks - Pie Charts

Block 1

Complete the equivalent fractions

a) $\frac{120}{360} = \frac{1}{3}$ b) $\frac{1}{4} = \frac{90}{360}$ c) $\frac{7}{10} = \frac{252}{360}$ d) $\frac{2}{5} = \frac{144}{360}$

Find the missing angles



Block 2

Complete the table

Favourite Colour	Frequency	Angle
Red	26	78°
Blue	32	96°
Green	50	150°
Yellow	11	33°
Pink	7	21°
Total	120	360°

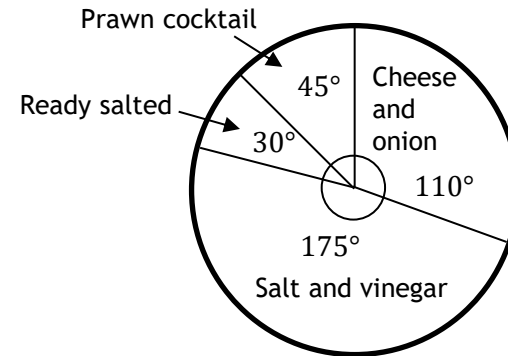
× 3

In a survey, 60% of people said their favourite side dish was chips.

What angle would this be on a pie chart? **216°**

Block 3

The pie chart shows peoples preferred flavour of crisps



a) Write down the modal flavour. **Salt and vinegar**

b) Work out the percentage of people that answered prawn cocktail. **12.5%**

22 people said their preferred flavour is cheese and onion.

c) Work out the total number of people shown in the pie chart. **72**