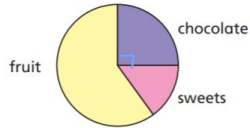


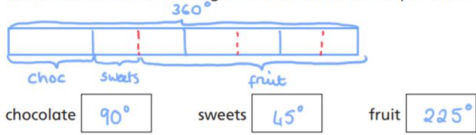
## Diving deeper answers

The pie chart shows some children's favourite snacks.



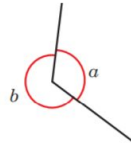
A quarter of the children said chocolate was their favourite snack.  
Five times as many children voted for fruit as voted for sweets.

Work out the size of the angle for each sector in the pie chart.



Use the information to work out the unknown angles.

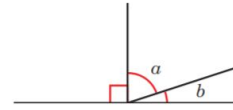
a) Angle  $a$  is half the size of angle  $b$ .



$$a = \boxed{120^\circ}$$

$$b = \boxed{240^\circ}$$

b) Angle  $a$  is four times the size of angle  $b$ .



$$a = \boxed{72^\circ}$$

$$b = \boxed{18^\circ}$$

The pie chart shows some children's favourite snacks.