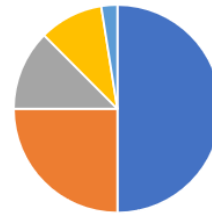


Robot Maths - Interpreting data (pie charts)



Example: Here is a pie chart about favourite sports of 200 students in Y10. What can you find out?

Favourite Sports in Y10



■ Basketball ■ Ki-o-rahi ■ Rugby ■ Netball ■ Other

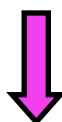


1) To find the number who liked each category do:
'fraction x total'

Basketball:

Ki-o-rahi:

Rugby:



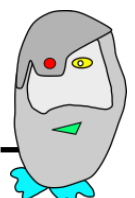
2) If the fraction isn't obvious, you can use the angle:
'angle ÷ 360 x total'

Netball:

Other:

Favourite Sports in Y10

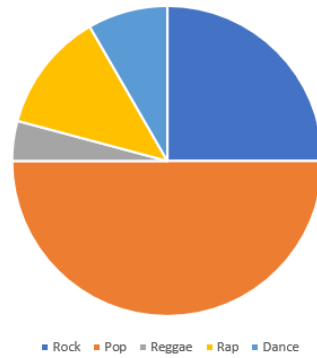
■ Basketball ■ Ki-o-rahi ■ Rugby ■ Netball ■ Other



Robot Maths - Interpreting data (pie charts)

Example: Here is a pie chart about the favourite music genre of 240 students in Y10. What can you find out?

Favourite Music in Y10



1) To find the number who liked each category do:
'fraction x total'

Rock
Pop:
Rap:



2) If the fraction isn't obvious, you can use the angle:
'angle ÷ 360 x total'

Reggae:
Dance:

Genre	Approximate Fraction
Rock	1/2
Pop	1/4
Reggae	1/12
Rap	1/6
Dance	1/12

