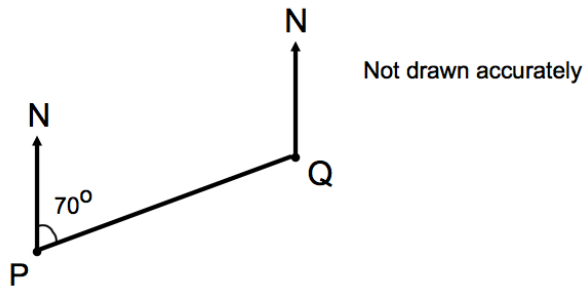




The table shows the probabilities that a sweet taken from a jar will be red, pink or purple.

Colour	Red	Pink	Purple
Probability	0.4	0.25	

There are 1200 sweets  
How many are purple?



The bearing of Q from P is  $070^\circ$   
Calculate the bearing of P from Q.

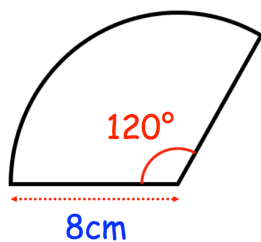
**Fifteens**  
Serves 8

300g digestive biscuits  
250g marshmallows  
200g glacier cherries  
60g coconut flakes  
180ml condensed milk

David has 1kg digestive biscuits, 750g marshmallows, 520g glacier cherries, 150g coconut flakes and 600ml condensed milk.

How many fifteens can David make?

A dog runs 100 metres in 4.98 seconds.  
Estimate his average speed in kilometres per hour.



Calculate the area of the sector.