


Name: \_\_\_\_\_

5-a-day


Higher Plus

27th June		Corbettmaths 
Evaluate		
$8 - \frac{2}{3}$		
Factorise		
$20x^2 - 23x + 6$		
Two ships, A and B, leave a port at 10:30		
Ship A travels on a bearing of $196^\circ$ at a speed of 30km/h. Ship B travels on a bearing of $244^\circ$ at a speed of 24km/h.		
Work out the distance between A and B at 14:00		
A bag contains 14 sweets. 8 sweets are red. 4 sweets are yellow. 2 sweets are green. Three sweets are taken from the bag without replacement.	Work out the probability that the three sweets are the same colour.	

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