

6th May		Corbettmaths
	Prove that the angle at the centre is twice the angle at the circumference.	
Shown is kite ABCD	Prove $\cos BAD = 1 - \frac{x^2}{50}$	
	Show, by using simultaneous equations, that the line $y = 5x - 3$ is a tangent to the curve $y = x^2 + x + 1$	
There are 9 counters in a bag. 5 of the counters are red 4 of the counters are white.	Work out the probability that the counters are not all the same colour.	
Tom takes at random three counters from the bag.		

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