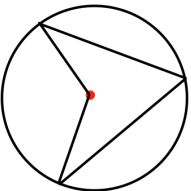
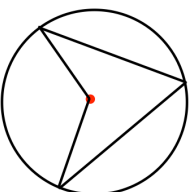


4th March		Corbettmaths
Expand and simplify $(3 + \sqrt{2})(\sqrt{10} + \sqrt{3})$		
<div style="border: 1px solid black; display: flex; justify-content: space-around; padding: 2px;"> 223456679 </div> Rebecca has 9 cards, each with a number on it. She picks three cards at random, without replacement. Rebecca adds the three numbers to get a score.	Calculate the probability that the score is an even number	
Given $f(x) = \frac{x+1}{3}$ $g(x) = 8x + 9$	Solve $f^{-1}(x) = g(x)$	
Find an expression, in terms of n , for the n th term of the quadratic sequence 5 16 31 50		
	Prove that the angle at the centre is twice the angle at the circumference.	

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