4th January Higher Plus 5-a-day	
Solve the simultaneous equations	Corbettmaths
x + y = 3	
$x^2 + y^2 = 5$	
Ramy saves some of his pocket money each week.	Find the amount he saves in week 40.
He saves 10p in week 1, 16p in week 2, 22p in week 3 and so on for 40 weeks.	
Calculate his total savings over the 40 weeks.	
Rationalise the denominator of $\frac{\sqrt{5}}{\sqrt{3}+2}$	
$A \bigcirc C$	Prove that the angle in a semi-circle is always 90°