<u>in the second second</u>	Completing	the Square	
SCAN ME	REVISE THIS TOPIC	CHECK YOUR ANSWERS	
1 By completing Give your ans You must sho	g the square, solve the equation x^2 - swers in the form $a \pm \sqrt{3}$, where <i>a</i> is ow all your working.	-4x + 1 = 0 an integer.	
2 By completin Give your an You must sho	ig the square, solve the equation x^2 -swers in the form $a \pm \sqrt{6}$, where <i>a</i> is tow all your working.	(Total for Question 1 i -10x + 19 = 0 is an integer.	s 4 marks)
2 By completin Give your an You must sho	In the square, solve the equation x^2 -swers in the form $a \pm \sqrt{6}$, where <i>a</i> is bow all your working.	(Total for Question 1 i -10x + 19 = 0 is an integer.	s 4 marks)

	By completing the square, solve the Give your answers in the form $a \pm 1$. You must show all your working.	equation $x^2 + 6x - 1 = 0$ $\sqrt{10}$, where <i>a</i> is an integer.		
	Tou must show an your working.			
		(Total for	Question 3 is 4 marks)	
4	By completing the square, solve the	equation $x^2 - 2x - 4 = 0$	Question 5 is 4 marks)	
	Give your answers in the form $a \pm \gamma$ You must show all your working.	$\sqrt{5}$, where <i>a</i> is an integer.		
		(Total for	Question 4 is 4 marks)	
5	By completing the square, solve th	e equation $x^2 + 20x + 93 = 0$		
	Give your answers in the form $a \pm$ You must show all your working.	$\sqrt{7}$, where <i>a</i> is an integer.		
st			Question 5 is 4 monto	

	By completing the square, solve the equation $x^2 - 4x - 4 = 0$ Give your answers in the form $a \pm b\sqrt{2}$, where <i>a</i> and <i>b</i> are integers. You must show all your working.	
	(Total for Question 6 is 4 marks)	
7	By completing the square, solve the equation $x^2 - 10x - 50 = 0$ Give your answers in the form $a \pm b\sqrt{3}$, where a and b are integers.	
	You must show all your working.	S
	(Total for Question 7 is 4 marks)	
	By completing the square, solve the equation $x^2 - 16x - 26 = 0$	
8	Give your answers in the form $a \pm b\sqrt{10}$, where a and b are integers. You must show all your working.	
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	By completing the square, solve the equidive your answers in the form $a \pm \sqrt{6}$, You must show all your working.	uation $x^2 + 15x + 21 = 3x - 9$, where <i>a</i> is an integer.		
		(Total for Q	uestion 9 is 5 marks)	
10	By completing the square, solve the equivalent of the form $a \pm \sqrt{5}$. You must show all your working.	uation $x^2 - 6x + 4 = 5 - 2x$, where <i>a</i> is an integer.		
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			uestion 10 is 5 marks)	
11	By completing the square, solve the exposed of the square solve the square solve the form $a \pm b\sqrt{100}$ You must show all your working.	(Total for Quation $x^2 + 3x + 7 = 9x + 6$ $\overline{2}$, where <i>a</i> and <i>b</i> are integers.	uestion 10 is 5 marks)	
11	1 By completing the square, solve the equivalent of the square of the s	(Total for Quation $x^2 + 3x + 7 = 9x + 6$ $\overline{2}$, where <i>a</i> and <i>b</i> are integers.	uestion 10 is 5 marks)	
11	1 By completing the square, solve the equivalent of the square of the s	(Total for Quation $x^2 + 3x + 7 = 9x + 6$ $\overline{2}$, where <i>a</i> and <i>b</i> are integers.	uestion 10 is 5 marks)	
11	1 By completing the square, solve the equivalent of the form $a \pm b\sqrt{1}$ Give your answers in the form $a \pm b\sqrt{1}$ You must show all your working.	(Total for Quation $x^2 + 3x + 7 = 9x + 6$ $\overline{2}$, where <i>a</i> and <i>b</i> are integers.	uestion 10 is 5 marks)	
11	By completing the square, solve the economic of the form $a \pm b\sqrt{1}$ You must show all your working.	(Total for Quation $x^2 + 3x + 7 = 9x + 6$ $\overline{2}$, where <i>a</i> and <i>b</i> are integers.	uestion 10 is 5 marks)	
11	By completing the square, solve the equivalent of the form $a \pm b\sqrt{1}$ You must show all your working.	(Total for Quation $x^2 + 3x + 7 = 9x + 6$ $\overline{2}$, where <i>a</i> and <i>b</i> are integers. (Total for Qu	uestion 10 is 5 marks) uestion 11 is 5 marks)	