

07B – Quadratic Equations: Practice Problems		
		Answers:
1	Solve for x: $x^2 = 49$	$7, -7$
2	Solve for x: $(x - 2)^2 = 25$	$7, -3$
3	Solve for x: $(x + 1)^2 = 5$	$-1 + \sqrt{5}, -1 - \sqrt{5}$
4	Solve for x: $(x - 7)^2 - 3 = 0$	$7 + \sqrt{3}, 7 - \sqrt{3}$
5	Put $x^2 - 10x + 2 = 0$, in the form $(*)^2 = \#$.	$(x - 5)^2 = 23$
6	If $x^2 - 8x + 1 = 0$, the $(x - 4)^2 = \underline{\hspace{1cm}}$.	15
7	Solve using the Quadratic Formula: $2x^2 - 7x - 1 = 0$	$\frac{7 \pm \sqrt{57}}{4}$
8	Solve using the Quadratic Formula: $3x^2 - 4x + 3 = 0$	No real solution
9	Solve using the Quadratic Formula: $2x^2 + 3x + 1 = 0$	$-1, -\frac{1}{2}$
10	Solve using the Quadratic Formula: $4x^2 - 12x + 9 = 0$	$\frac{3}{2}$
11	Solve using the Quadratic Formula: $2x^2 - 11x + 5 = 0$	$\frac{1}{2}, 5$