Name:_____ Date:_____

Review of Discriminant and Quadratic Formula

	$3x^2 + 8x + 2 = 0$	$5x^2 + 2x + 4 = 0$	$2x^2 + 6x = -8$	$-x^2 + 2x = 0$
Find the value of the discriminant				
Describe the number and type of roots				
Find the EXACT solutions using the quadratic formula $\frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$				

	$x^2 + 10 - 11x = 0$	$6x^2 + 3x - 6 = 0$	$-2x^2 - 3x + 2 = 0$	$5x^2 + 2x + 1 = 0$
Find the value of the discriminant				
Describe the number and type of roots				
Find the EXACT solutions using the quadratic formula $\frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$				