Name:

Date:

DIRECTIONS: Use the quadratic formula to solve each equation. Show all work on separate piece of paper.

1.	$2x^2 - 7x + 3 = 0$	2. $x^2 - 10x - 9 = 0$
3.	x ² = 2(7x - 12)	4. $6x^2 + 5x - 4 = 0$
5.	$x^2 - 4x = -1$	6. $x^2 + 1 + 5x = 0$
7.	$5x^2 - 3x = 7$	8. $x^2 + 4x = 5$
9.	$7x^2 - 5x - 1 = 0$	10. $2x^2 + 9x + 4 = 0$
Find	the number of real solutions of each equation us	ing the discriminant. Show all work on separate piece of paper.
Find		
Find 1.	the number of real solutions of each equation us	ing the discriminant. Show all work on separate piece of paper.
Find 1. 3.	the number of real solutions of each equation us x ² + 4x + 3 = 0	 ing the discriminant. Show all work on separate piece of paper. 2. x² + 2x + 1 = 0
Find 1. 3.	the number of real solutions of each equation us $x^{2} + 4x + 3 = 0$ $x^{2} - 4x + 10 = 0$ $x^{2} - 2x - 7 = 0$	Ing the discriminant. Show all work on separate piece of paper.2. $x^2 + 2x + 1 = 0$ 4. $x^2 - 6x + 7 = 0$

Quadratic Formula 2