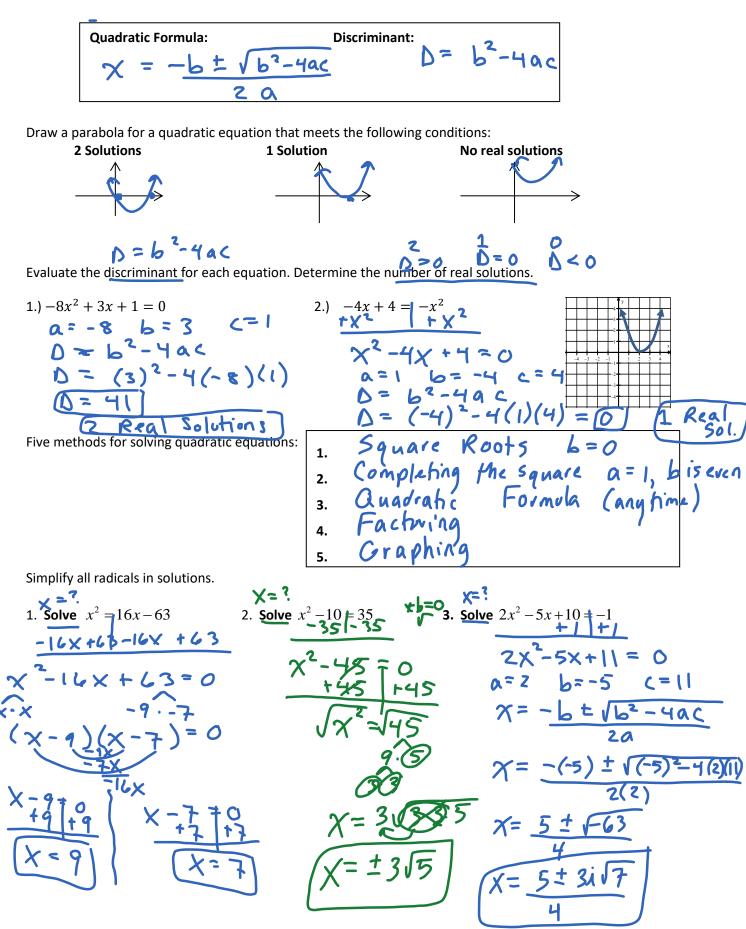
3 – 4 Solving Quadratic Equations by Quadratic Formula (Day 3)

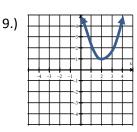


3.4 Quadratic Formula (Day 3)	Name	
1. Solve $x^2 = 15x - 54$	2. Solve $x^2 - 13 = 7$	3. Solve $x^2 + 3x - 3 = 0$

4. Solve $4x^2 + 5x + 1 = -2$ 5. Solve $2x^2 + 6x + 2 = 1$ 6. Solve $x^2 + 2x + 7 = 0$

Evaluate the discriminant for each equation. Determine the number of real solutions.

7.) $3x^2 - 12x + 12 = 0$ 8.) $x^2 - 2x = -3$



Evaluate the discriminant for each equation. Determine the number of real solutions.

1.) $-3x^2 + 5x + 2 = 0$ 2.) $4x + 9 = -x^2$

Warm-UP: Solve $x^2-6x-18=0$.