Algebra 2

3-07 Solve Quadratic Inequalities (3.6)

Solve inequalities in one variable. Using a number line		
Solve $p^2 - 4p \le$	<u>≤</u> 5	
Solve $x^2 - 4x >$	> 45	-10 -9 -8 -7 -6 -5 -4 -3 -2 -1 0 1 2 3 4 5 6 7 8 9 10
Using a grap	h	
Or you could al 1. Make t 2. Plot po 3. Quick a. b.	so solve the quadratic inequality in the inequality pints on When the graph is below the <i>x</i> -a When the graph is above the <i>x</i> -a	n one variable by the quadratic xis; 0 xis; 0
Solve using a g	raph. $x^2 + x - 20 > 0$	≪ + + + + + + + + + + + + + → -6 -5 -4 -3 -2 -1 0 1 2 3 4 5 6

Solve using a graph. $-2x^2 - 9x - 4 \ge 0$

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140 #27, 29, 31, 33, 35, 37, 39, 41, 43, 49, Mixed Review = 15