

Name \_\_\_\_\_ Date \_\_\_\_\_

Quiz: Quadratic Inequalities

Solve algebraically:

1  $x^2 - 81 > 0$

2  $x^2 - x - 20 \leq 0$

3  $x^2 - 5x - 14 > 0$

4  $x^2 + 8x - 20 \geq 0$

5  $x^2 - 6x - 16 \geq 0$

6  $x^2 - 144 > 0$

State the solution set of the following and graph on a number line:

7  $x^2 - 21x + 110 \leq 0$

8  $x^2 + 4x - 5 \geq 0$

Graph the inequality:

9  $y \leq x^2 - 8x + 16$

10  $y > x^2 + 5x - 6$

Circle # Correct	0	1	2	3	4	5	6	7	8	9	10
Percentage Score	0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%