

Solving Quadratic Inequalities

Block: _____ Mark Out Of 16 _____

Solve each inequality.

1) $(-3x + 5)(x + 1) \leq 0$

2) $(-x - 4)(x - 8) \geq 0$

3) $-3x^2 + 8x - 5 > 0$

4) $-2x^2 + 5x - 2 < 0$

$$5) 2x^2 + 16x - 5 \geq 7x$$

$$6) x^2 + 2x + 6 \leq 6x + 2$$

$$7) x^2 + 12 < 6x + 3$$

$$8) 4x^2 + 7x - 6 > 5x^2$$