

Pre-Calculus

Section 2.1.A

Solve each quadratic inequality. State your answer in interval notation.

1. $x^2 + 9x \geq 0$

2. $x^2 - 11x \leq 0$

3. $7x^2 - 49x < 0$

4. $4x^2 + 36x > 0$

5. $x^2 + 5x + 6 \geq 0$

6. $x^2 - 6x - 16 \leq 0$

7. $x^2 + 3x - 18 < 0$

8. $x^2 - 10x + 24 > 0$

9. $x^2 - 25 \geq 0$

10. $x^2 - 81 \leq 0$

11. $x^2 - 15 < 0$

12. $x^2 - 30 > 0$