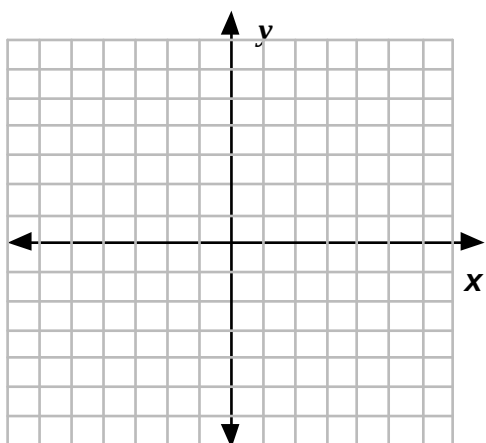


Unit 8: Systems of Equations; Linear & Quadratic Inequalities**8.3 Quadratic Inequalities in One Variable**

ex. Solve $x^2 - 2x - 3 \leq 0$

Method 1: Graphing

Method 2: Roots & Test Points (Intervals)



Method 3: Sign Analysis

ex. Solve $-x^2 + x + 12 < 0$ by roots & test points. Verify using sign analysis.

ex. Solve $2x^2 - 7x > 12$

Practice: pg. 484/ # 1 – 3, 4bd, 5bc, 7a(graph paper)bc(calculator), 9, 15abef,



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