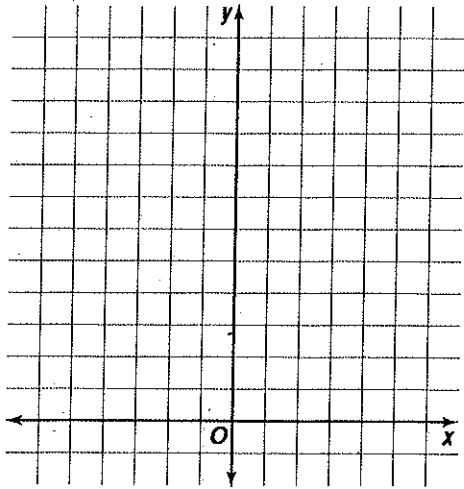


Practice

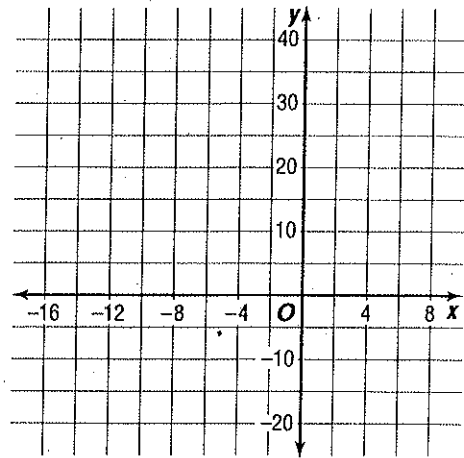
Graphing and Solving Quadratic Inequalities

Graph each inequality.

1. $y \leq x^2 + 4$



2. $y < x^2 + 8x - 5$



Solve each inequality.

3. $x^2 - x - 20 > 0$

4. $x^2 - 10x + 16 < 0$

5. $5x^2 + 10 \geq 27x$

6. $9x^2 + 31x + 12 \leq 0$

7. $9z \leq 12z^2$

8. $4x^2 + 4x + 1 > 0$

9. $x^2 + 64 \geq 16x$

10. $x^2 + \frac{4}{3}x + \frac{4}{9} < 0$