

Unit 1 Quadratics Review

Name: _____

Solve the quadratic by squaring.

1. $-x^2 - 12 = -87$

2. $3x^2 - 270 = 0$

Solve the quadratic by factoring.

3. $x^2 + 5x + 4 = 0$

4. $8x^2 + 17x + 9 = 0$

Solve the quadratic by completing the square.

5. $x^2 - 4x + 7 = 0$

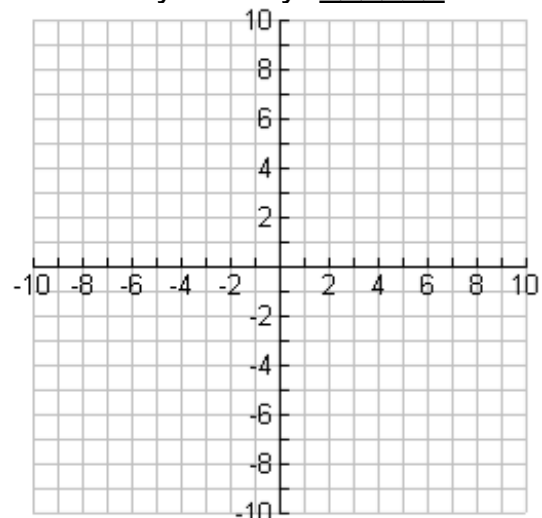
6. $6x^2 + 84x + 300 = 0$

Graph the quadratics.

7. $y = -\frac{2}{3}(x - 4)^2 - 1$

Vertex: _____

Axis of Symmetry: _____



8. $y = (x - 2)(x + 3)$

Vertex: _____ Axis of Symmetry: _____

X-intercepts: _____

