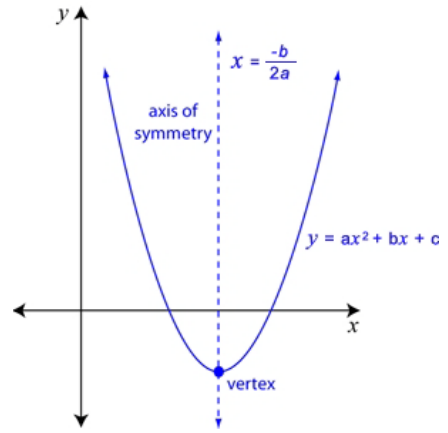


Name _____

Homework Tuesday December 20th

For each quadratic function, write the equation for the axis of symmetry, and find the coordinates of the vertex.



1. $y = 3x^2 + 6x - 2$

2. $y = x^2 + 4x - 11$

3. $y = -x^2 + 8x + 12$

4. $y = 6 + 2x - x^2$

5. $y = 2x^2 + 3x - 5$

6. $y = x^2 + x - 9$

7. $y = -3x^2 + 2x + 8$

8. $y = -3x^2 - 4x + 2$

9. $y = 5x^2 + 10x + 3$

10. $y = 4x^2 + 2x - 1$