Name_____
Due Date_____
Block_____

Quadratic Functions Practice Test #1.1

For #1-9:
a) Convert to Vertex Form
b) Identify the coordinates of the vertex
c) Identify the roots, if any, of the function. If there are no roots, indicate that there are no roots.
d) Identify the y-intercept of the function
e) Graph the function (on graph paper) using all of the above and a symmetric point.

For #10, only complete tasks a, b, d, and e.

Complete on another piece of paper.

1. $y = x^2 + 6x + 8$	2. $y = x^2 - 8x + 15$
3. $y = -x^2 - 8x - 12$	4. $y = x^2 + 2x - 8$
5. $y = -3x^2 + 6x + 45$	6. $y = 2x^2 - 12x + 16$
7. $y = -x^2 - 10x - 21$.	8. $y = 3x^2 + 18x - 21$
9. $y = x^2$	10. $y = -2x^2 + 6x + 1$