HW: 2.2 “Graphing Vertex Form” part 2 Algebra 2 Kitt

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Period:\_\_\_\_\_\_\_

**Directions**: *Convert the following quadratics from standard form to vertex form.*

1. $y=x^{2}-8x+15$ 2. $y=x^{2}-4x$ 3. $y=x^{2}+8x+18$

4. $y=x^{2}+4x+3$ 5. $y=x^{2}-2x+5$ 6. $y=x^{2}-8x+17$

Directions: Convert the following quadratic from standard form to vertex form. Graph your result.

 7. $y=x^{2}-6x+7$ 8. $y=x^{2}+6x+5$

 

 9. $y=-x^{2}+4x-1$ 10. $y=-x^{2}-6x-7$

 