Vertex form

Name _____ Date _____

1. $y = -x^2 - 2x + 10 \rightarrow$ _____

2. $y = x^2 + 8x + 13 \rightarrow$ _____

3. $y = x^2 + 10x + 35 \rightarrow$ _____

4. $y = x^2 + 14x + 55 \rightarrow$ _____

5. $y = -x^2 + 10x - 35 \rightarrow$ _____

6. $y = -2x^2 - 12x - 9 \rightarrow$ _____

7. $y = x^2 - 14x + 55 \rightarrow$ _____

Vertex form

8. $y = -2x^2 - 12x - 24$ → _____

9. $y = 2x^2 + 24x + 63$ → _____

10. $y = 2x^2 + 12x + 22$ → _____

11. $y = x^2 + 6x - 2$ → _____

12. $y = x^2 - 2x + 10$ → _____

13. $y = x^2 - 2x + 1$ → _____

14. $y = x^2 + 12x + 37$ → _____