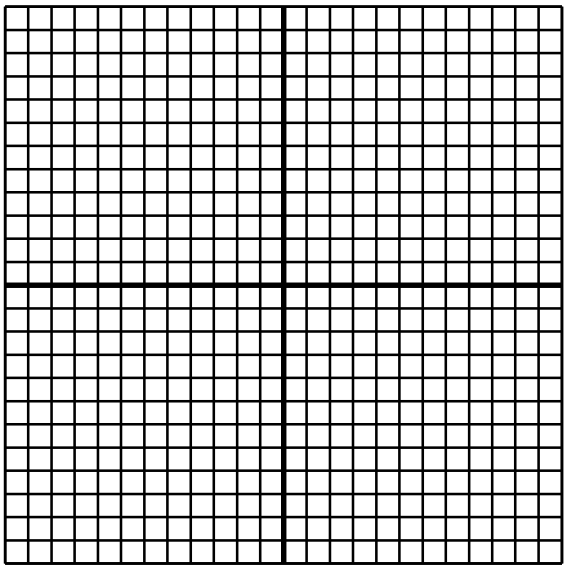
Fluency Practice: GRAPHING QUADRARTIC FUNCTIONS IN STANDARD FORM

Name:_____ Period:_____

Directions: Find the vertex of each quadratic function. Then graph the function.

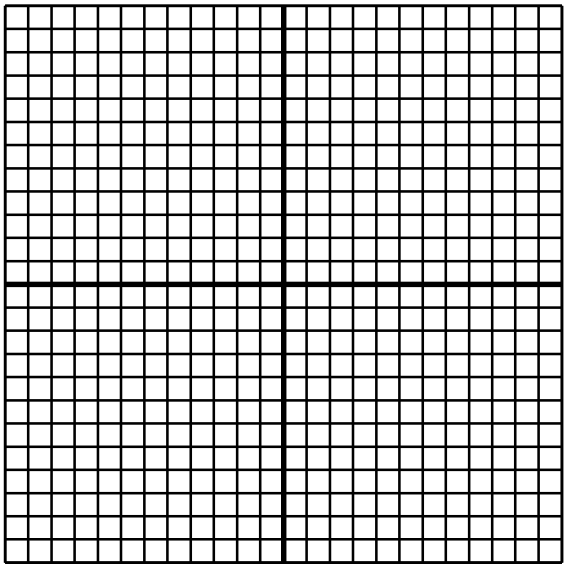
1. $f(x) = x^2 + 6x - 5$

Vertex:_____



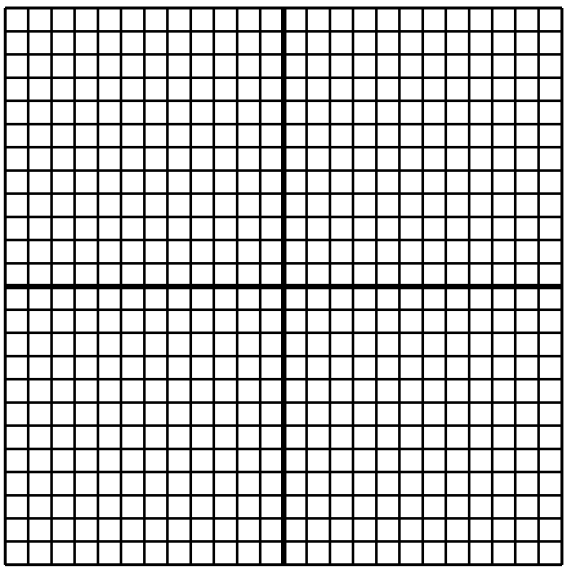
2. $f(x) = -x^2 + 10x - 21$

Vertex:_____

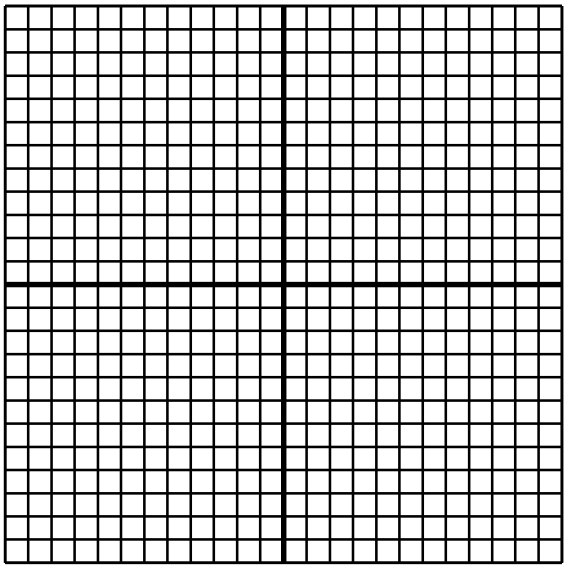


3. $f(x) = x^2 - 2x - 7$

Vertex:_____

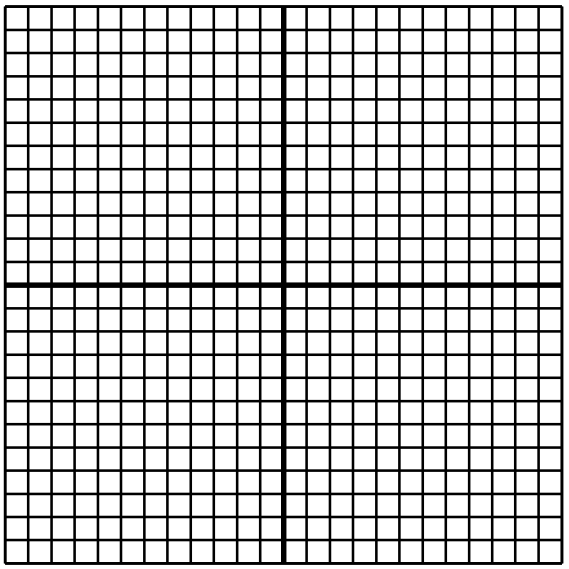


4. $f(x) = x^2 - 12x + 31$



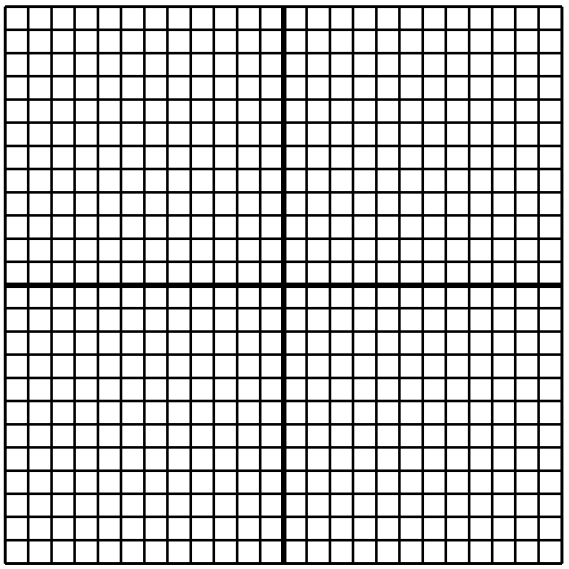
Vertex:_____

5. $f(x) = -x^2 + 8x - 9$



Vertex:_____

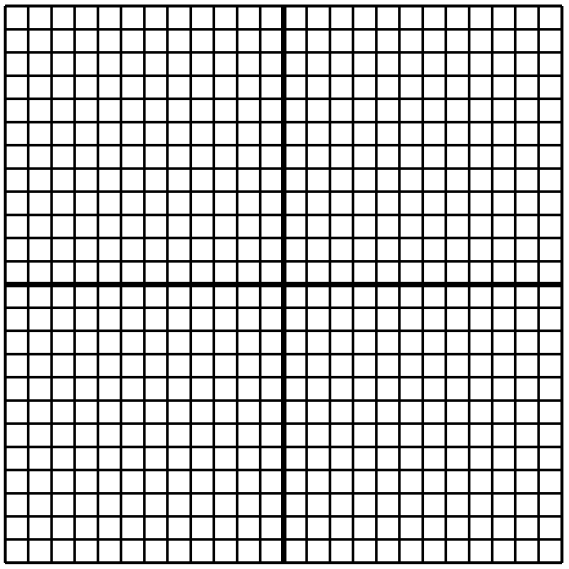
6. $f(x) = -x^2 - 4x + 3$



Vertex:_____

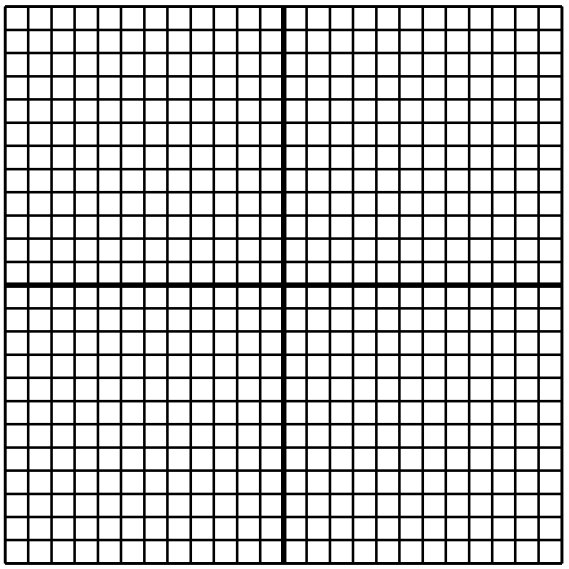
7. $f(x) = x^2 + 16x + 57$

Vertex:_____



8. $f(x) = -x^2 - 6x + 1$

Vertex:_____



9. $f(x) = x^2 + 18x + 81$

Vertex:_____