

Fluency Practice: GRAPHING QUADRATIC FUNCTIONS IN VERTEX FORM

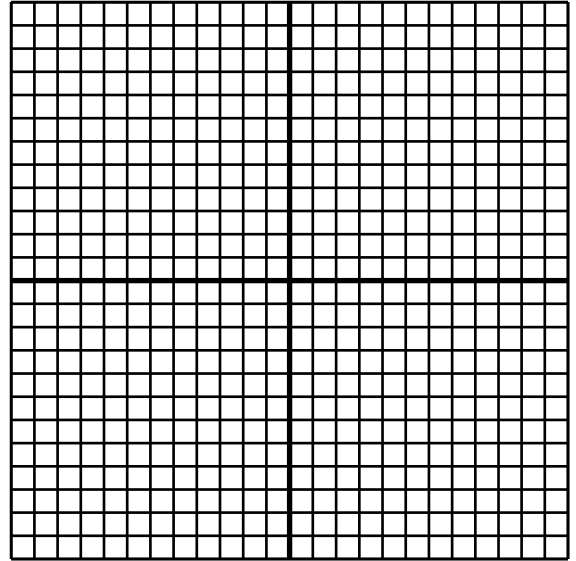
Name: _____

Period: _____

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

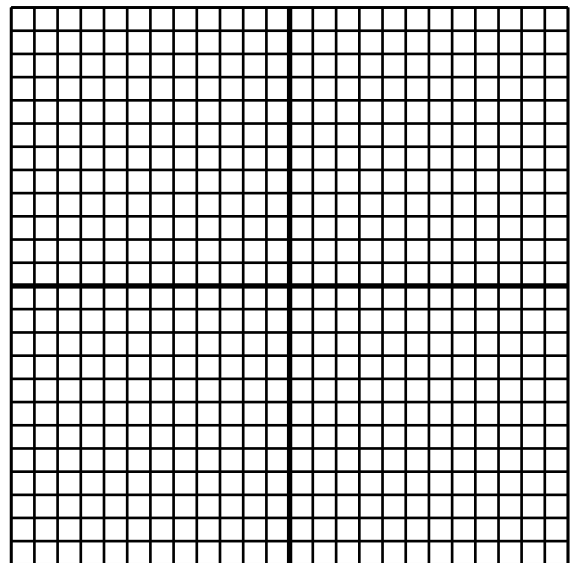
1. $f(x) = (x + 4)^2 - 3$

Vertex: _____



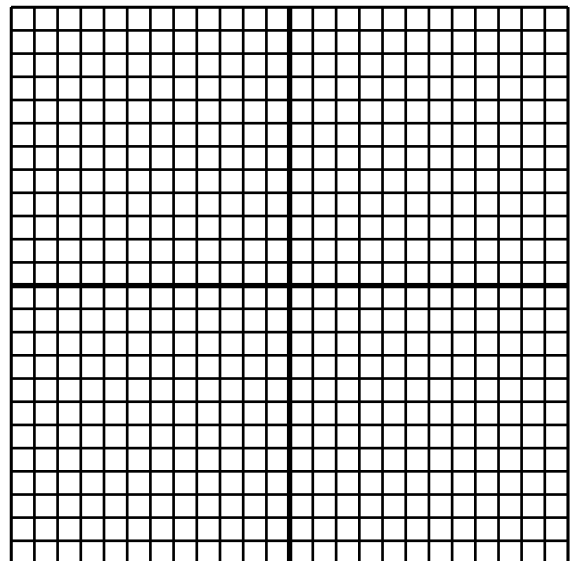
2. $f(x) = (x - 7)^2 + 2$

Vertex: _____



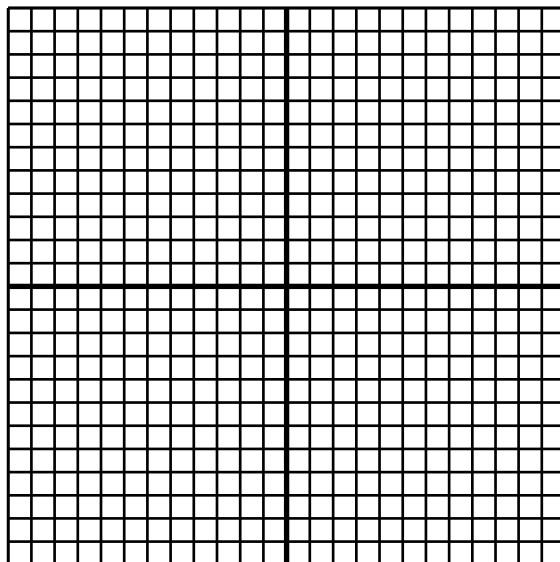
3. $f(x) = -(x - 2)^2 + 4$

Vertex: _____



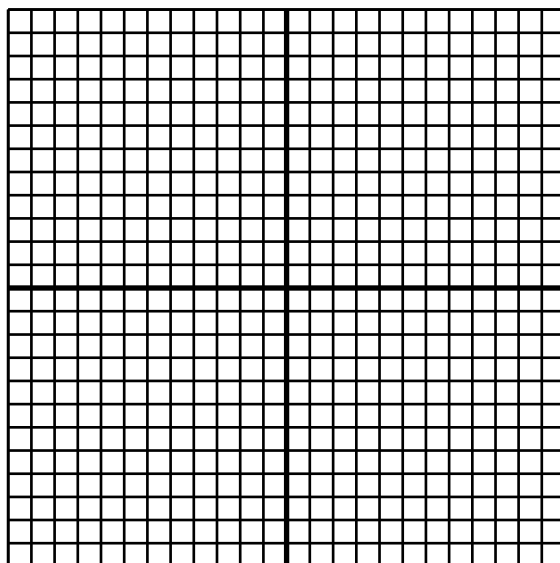
4. $f(x) = -(x+3)^2 + 6$

Vertex: _____



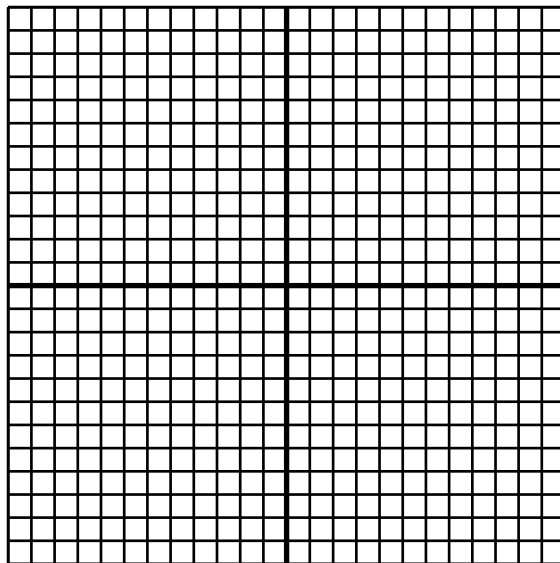
5. $f(x) = (x+5)^2 - 6$

Vertex: _____



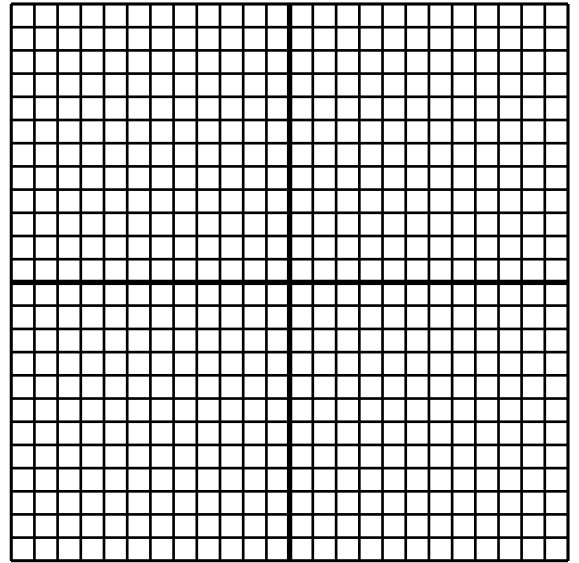
6. $f(x) = -(x-6)^2 + 2$

Vertex: _____



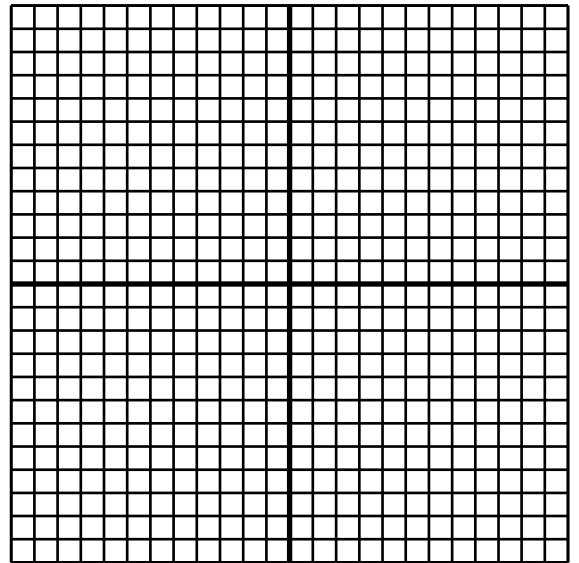
7. $f(x) = (x+8)^2 - 4$

Vertex: _____



8. $f(x) = -(x-1)^2 + 9$

Vertex: _____



9. $f(x) = (x+4)^2 - 5$

Vertex: _____

