

Graphing Quadratic Functions • Paper Practice 11.1

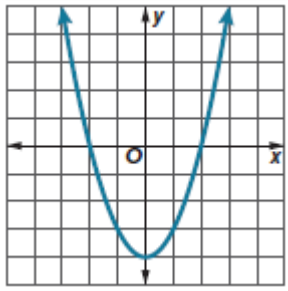
Identify the axis of symmetry, the vertex, and the y-intercept of each graph. Then describe the end behavior.

1. axis of symmetry:

vertex:

y-intercept:

end behavior:

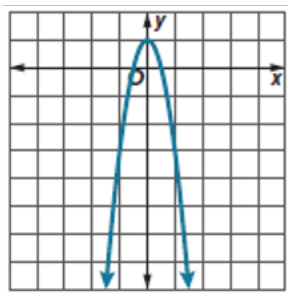


2. axis of symmetry:

vertex:

y-intercept:

end behavior:

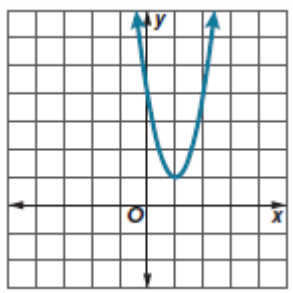


3. axis of symmetry:

vertex:

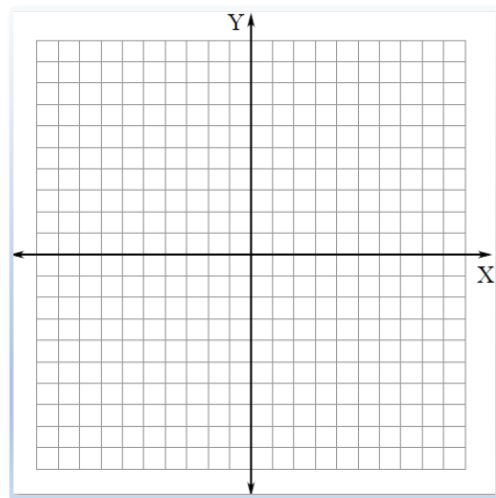
y-intercept:

end behavior:

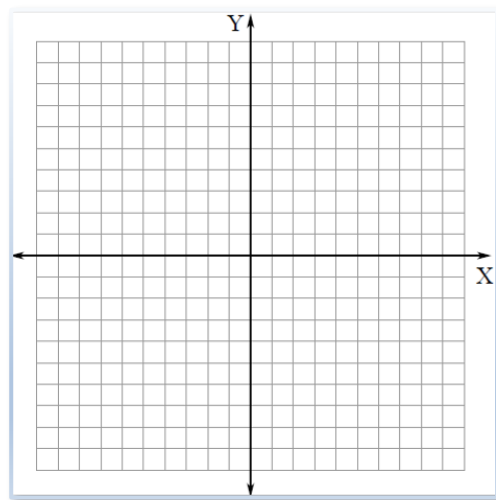


Graph each function.

4. $y = -3x^2 + 6x - 4$

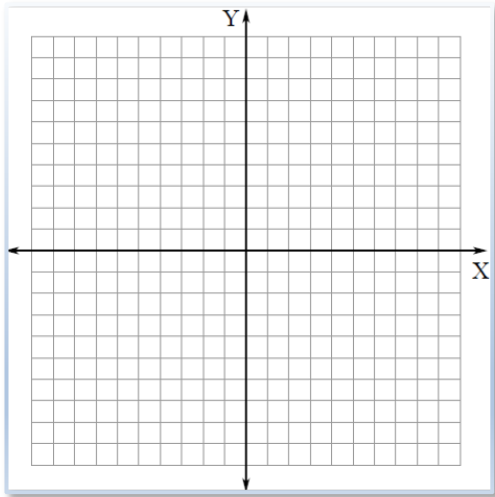


5. $y = -2x^2 - 4x - 3$

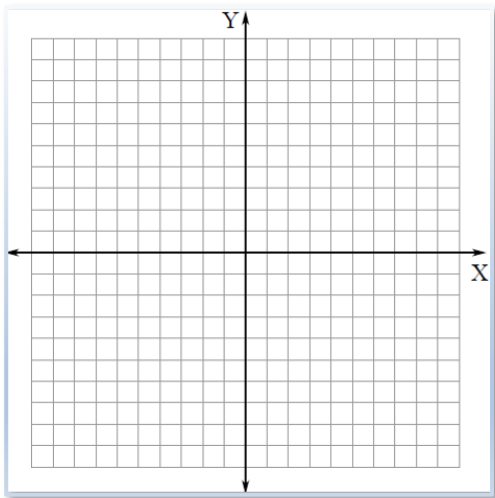


Graph each function.

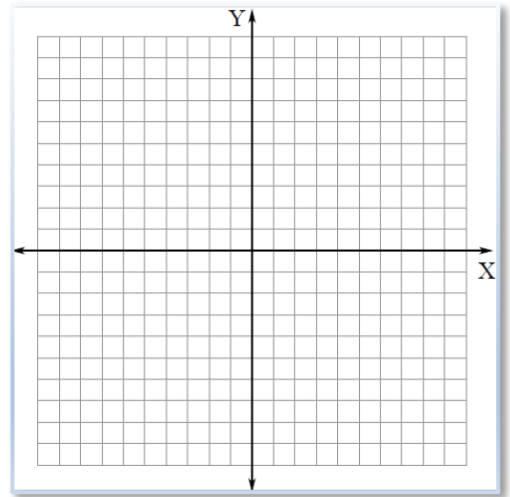
6. $y = x^2 + 4x + 6$



7. $y = 2x^2 + 4x + 7$



8. $y = 3x^2 + 12x + 5$



9. $y = -x^2 - 6x - 7$

