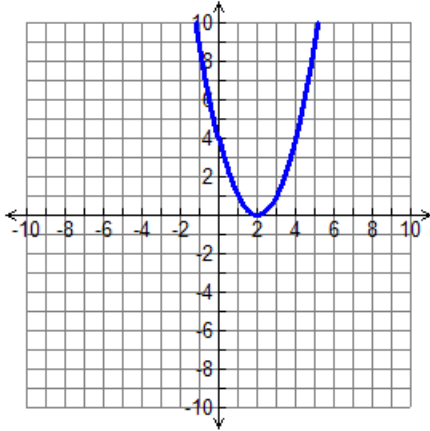
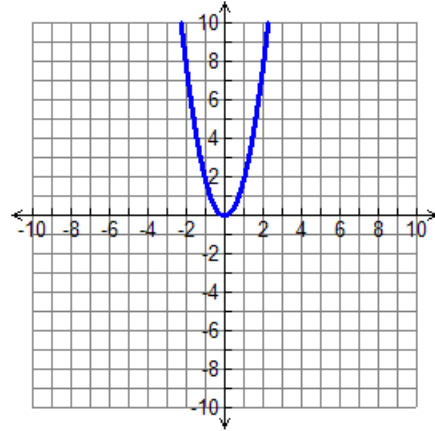


Write the quadratic equation, in vertex form for each graph.

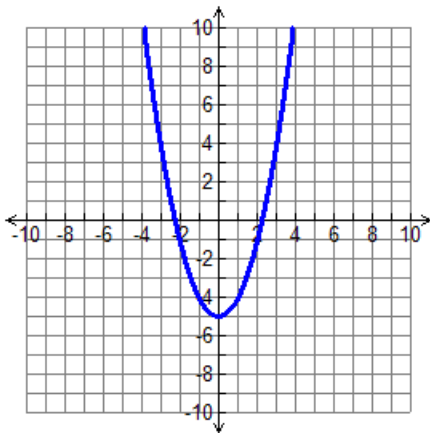
1.  $y = (x - 2)^2 + 0$



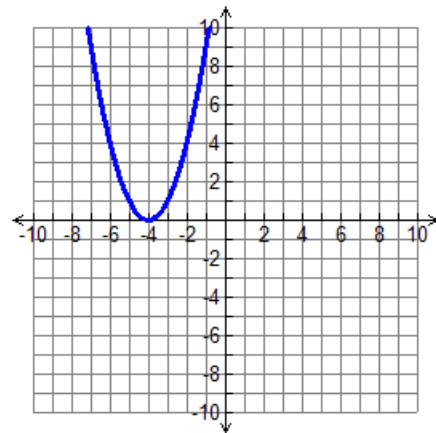
2.



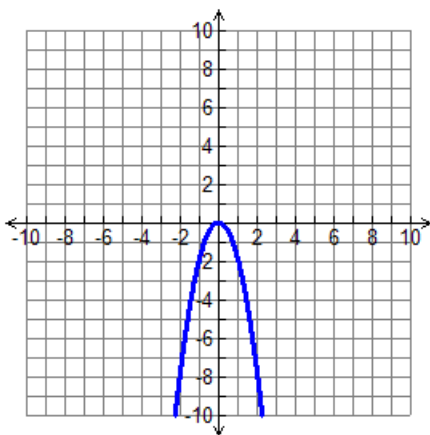
3.



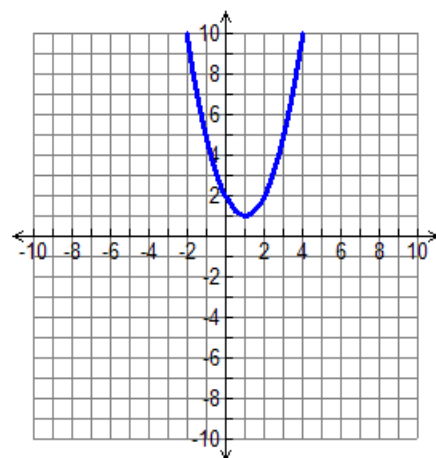
4.



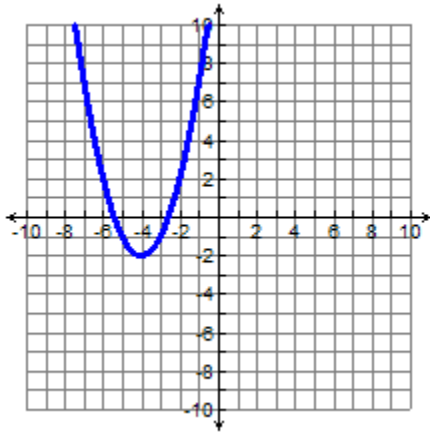
5.



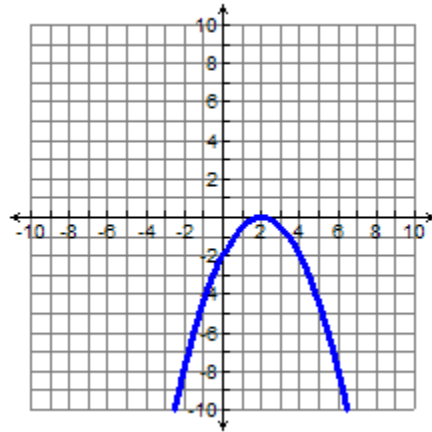
6.



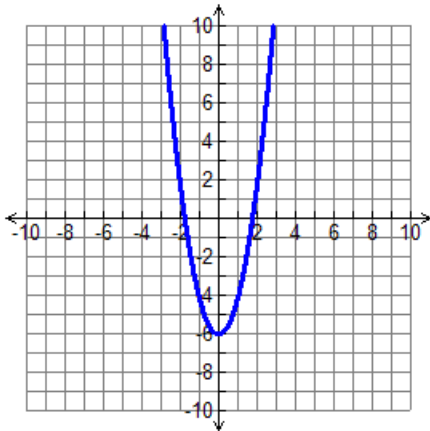
7.



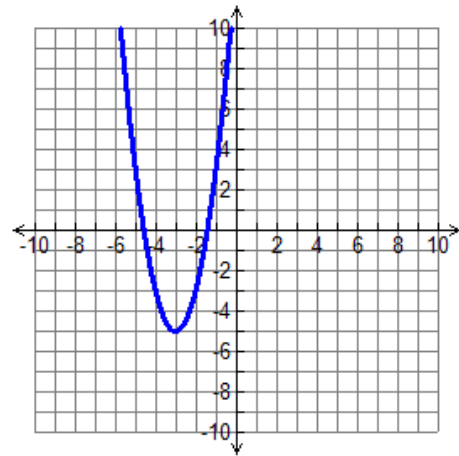
8.



9.



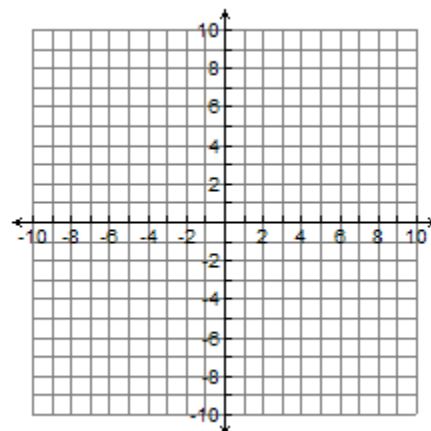
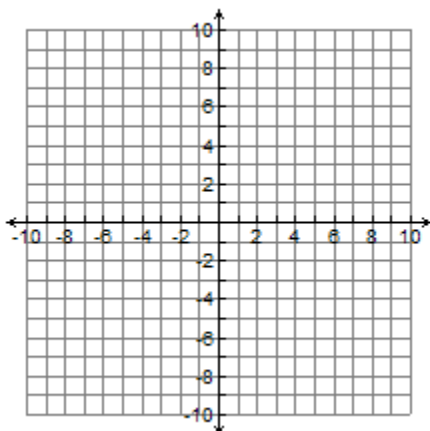
10.



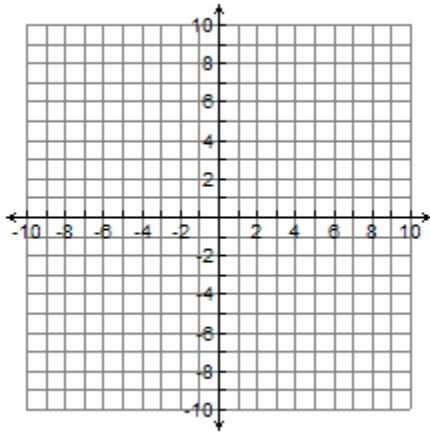
Graph the quadratic equation on the provided grid.

11.  $f(x) = (x-0)^2 + 3$

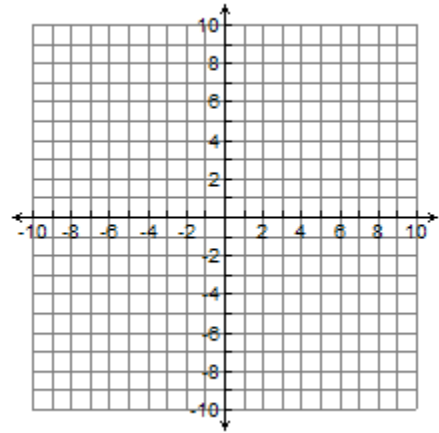
12.  $f(x) = (x+4)^2 + 0$



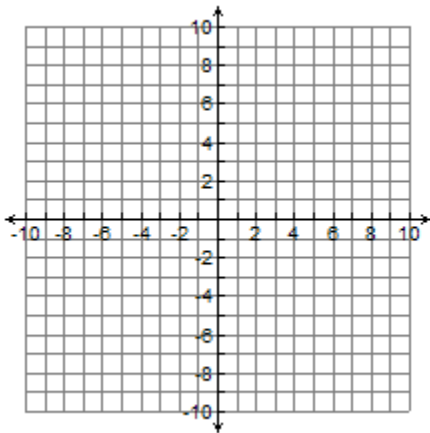
13.  $f(x) = -2(x-0)^2 + 0$



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



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



16.  $f(x) = \frac{1}{2}(x+2)^2 + 3$

