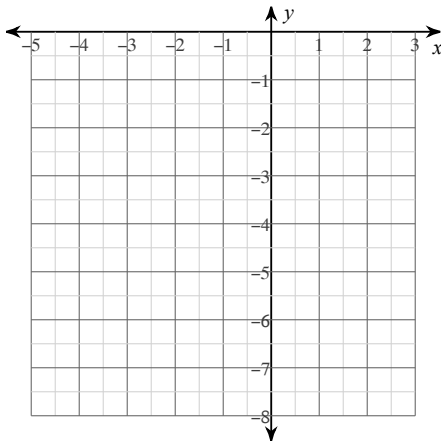


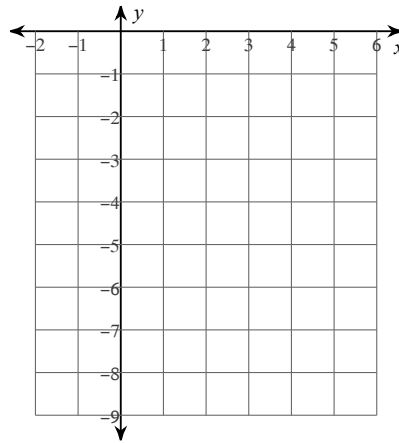
6-5 More Transformations

Sketch the graph of each function. State the vertex.

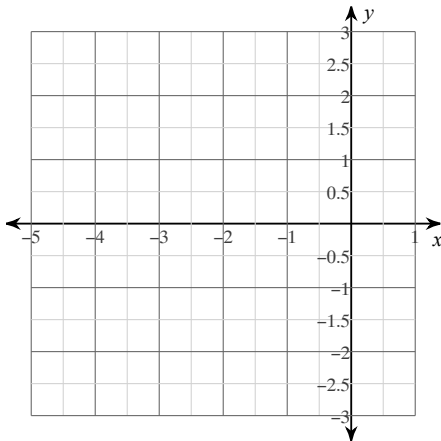
1) $f(x) = -(x + 2)^2 - 3$



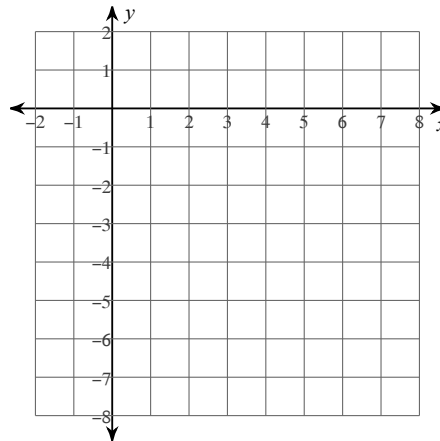
2) $f(x) = -(x - 2)^2 - 4$



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

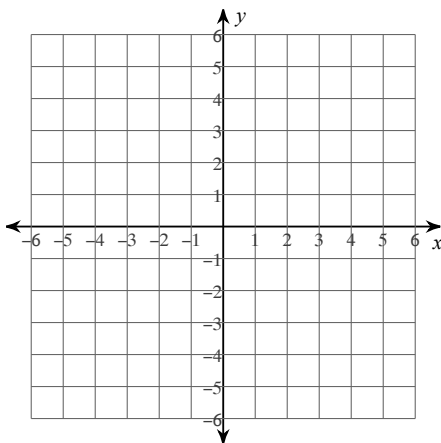


4) $f(x) = -2(x - 2)^2 + 1$

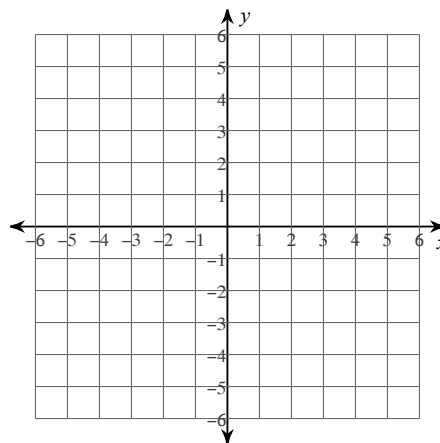


Graph each equation.

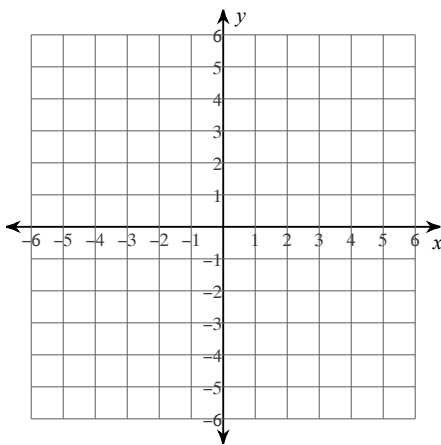
5) $y = -|x - 3| - 3$



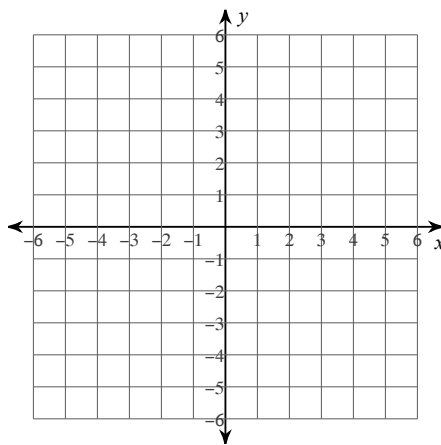
6) $y = |x + 1| + 1$



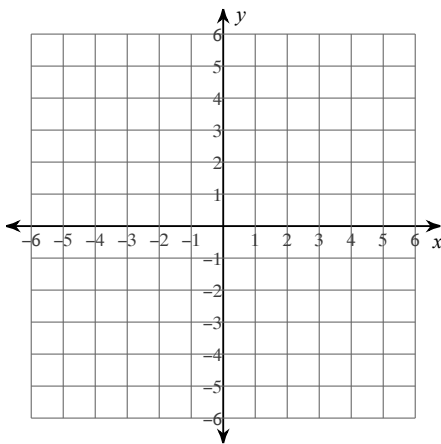
7) $y = -|x| + 4$



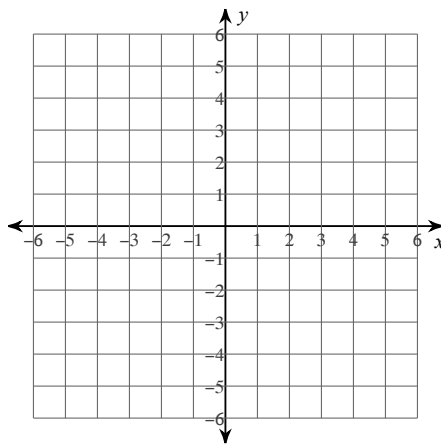
8) $y = |x - 2| + 4$



9) $y = 2|x - 2| - 4$

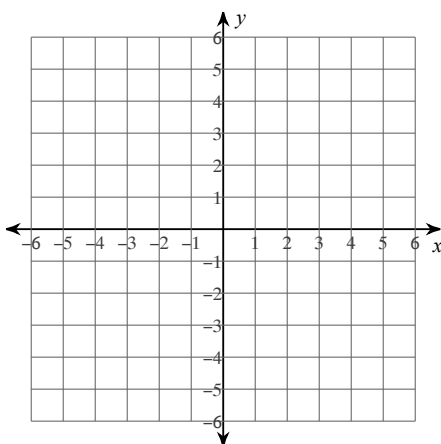


10) $y = 2|x - 4| - 1$



Sketch the graph of each line.

11) $y = \frac{1}{2}x + 2$



12) $y = -x - 1$

