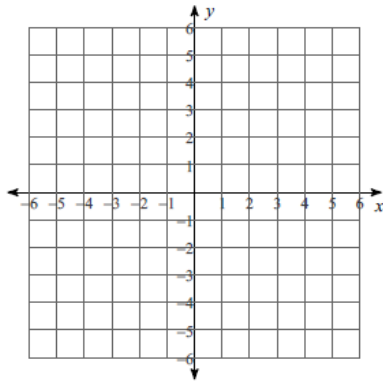


Absolute Value and Step Functions ... Set 3

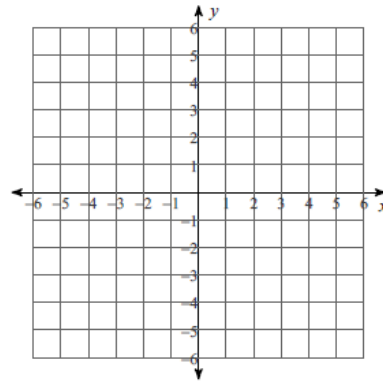
Graphing Absolute Value Functions

Graph each equation.

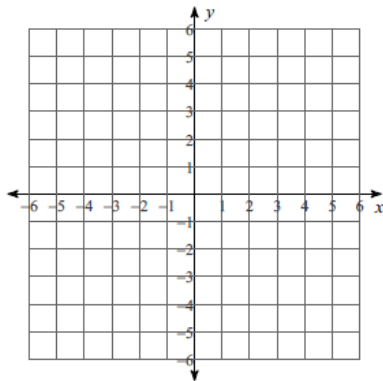
1) $y = |x + 2| + 1$



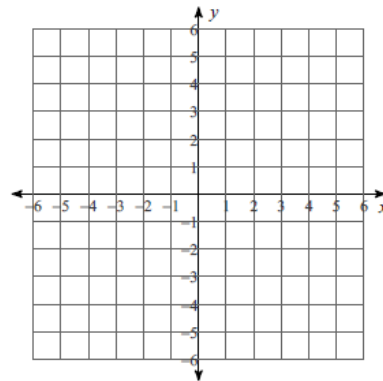
2) $y = |x - 1| - 4$



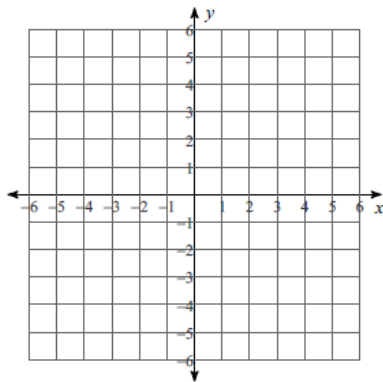
3) $y = 3|x - 4| - 3$



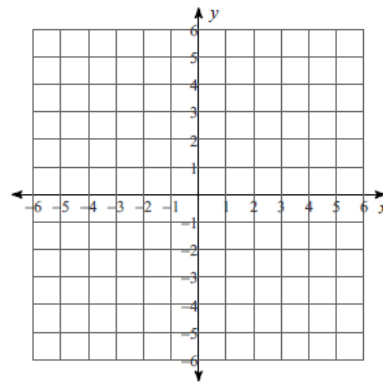
4) $y = 2|x - 3| + 4$



5) $y = -2|x + 4| + 1$

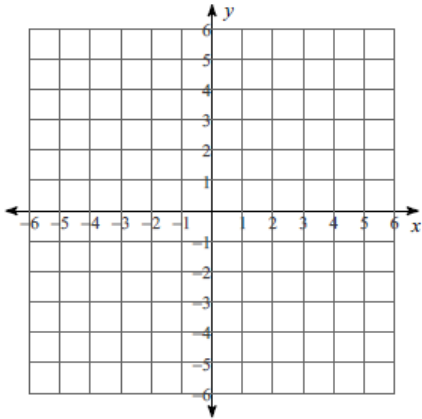


6) $y = -3|x + 3| + 3$

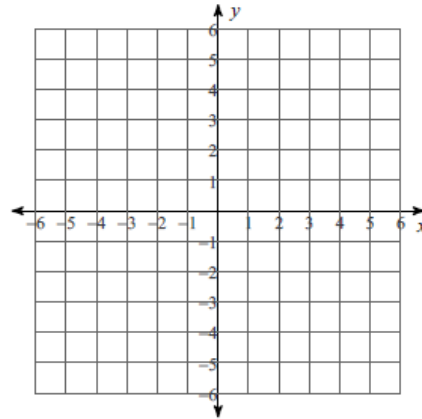


Absolute Value and Step Functions ... Set 3

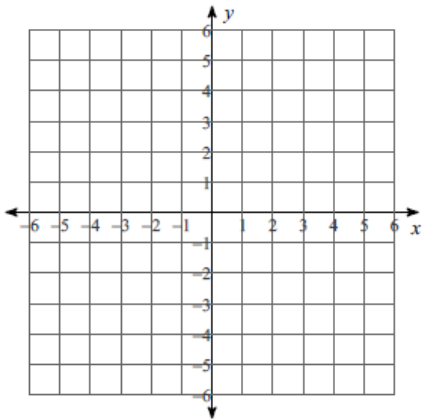
7) $y = |2x - 1|$



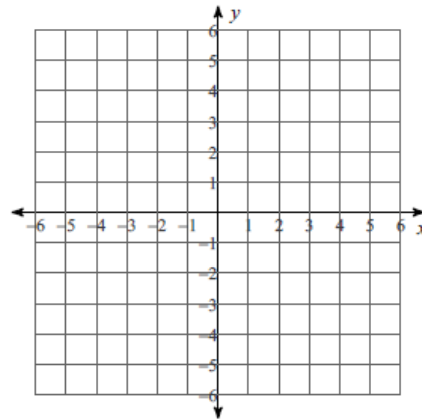
8) $y = |3x + 4| - 1$



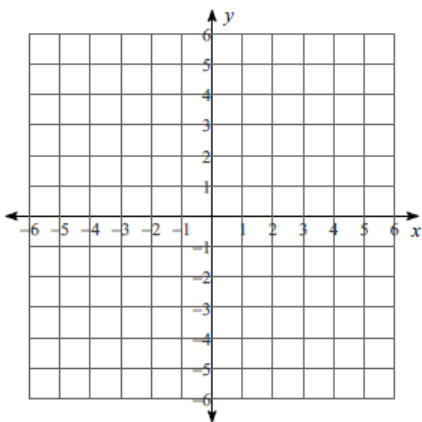
9) $y = |2x - 2| + 3$



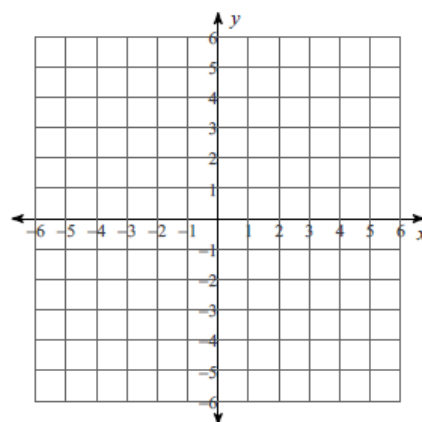
10) $y = |2x - 3| - 1$



11) $y = 3|x| + \frac{9}{4}$



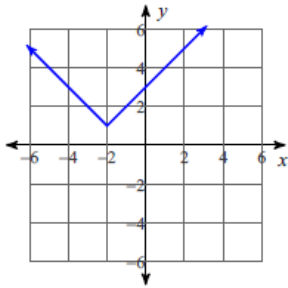
12) $y = -3\left|x + \frac{1}{4}\right| + \frac{7}{2}$



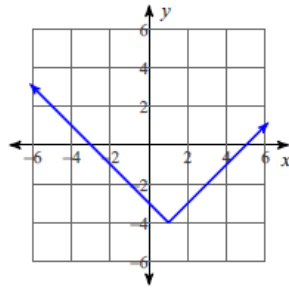
Absolute Value and Step Functions ... Set 3

Answers

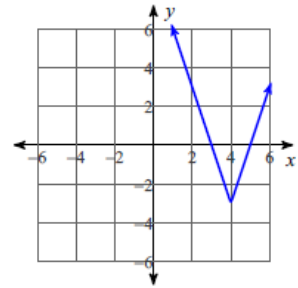
1)



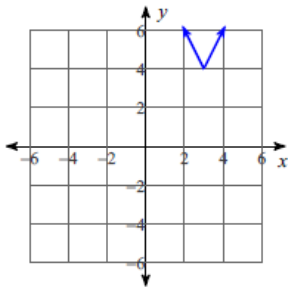
2)



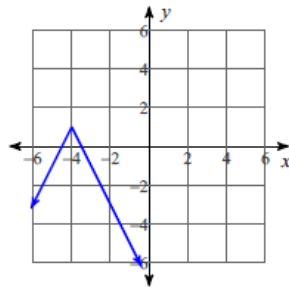
3)



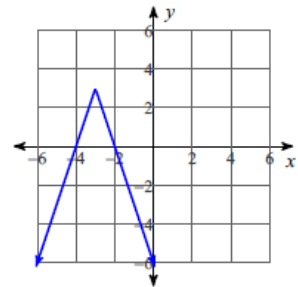
4)



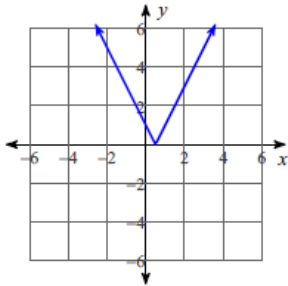
5)



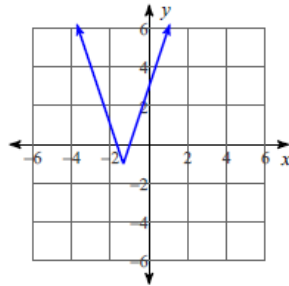
6)



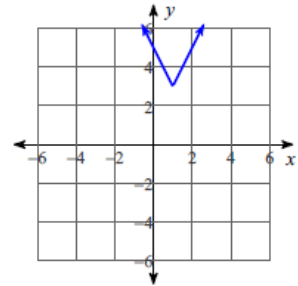
7)



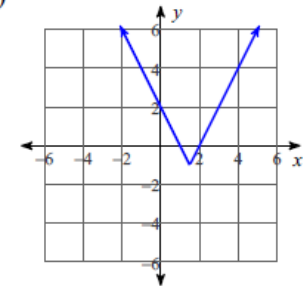
8)



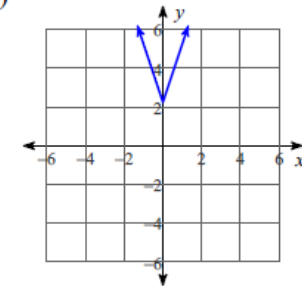
9)



10)



11)



12)

