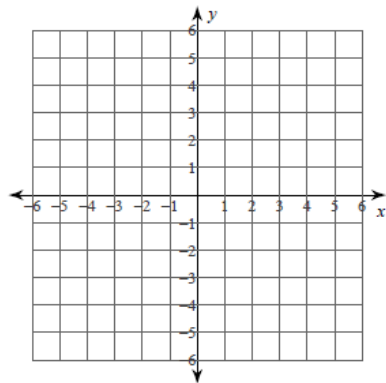


Graphing Absolute Value Functions

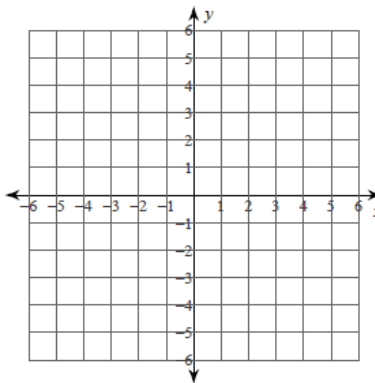
Date _____

Graph each equation.

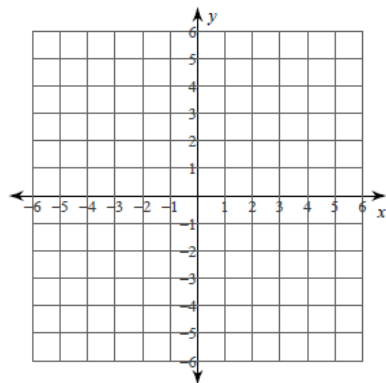
1) $y = |x - 2| - 4$



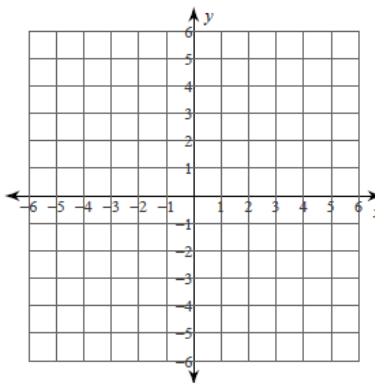
2) $y = |x + 1|$



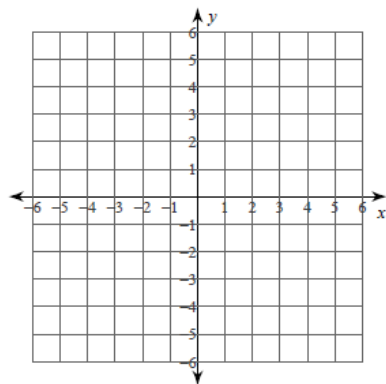
3) $y = |x| + 1$



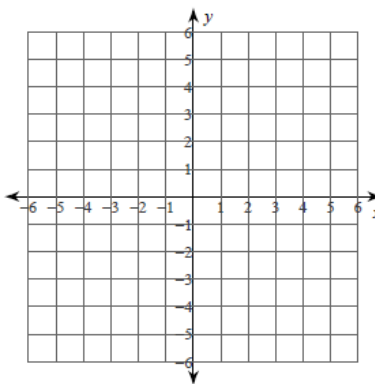
4) $y = |x| + 2$



5) $y = |x + 2|$



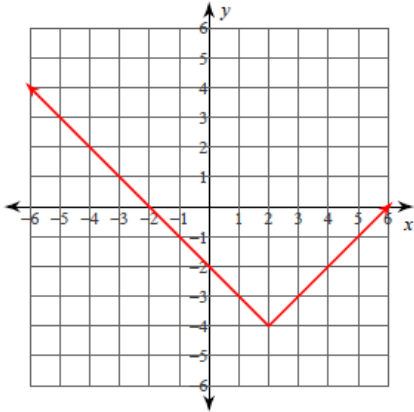
6) $y = |x + 1| + 3$



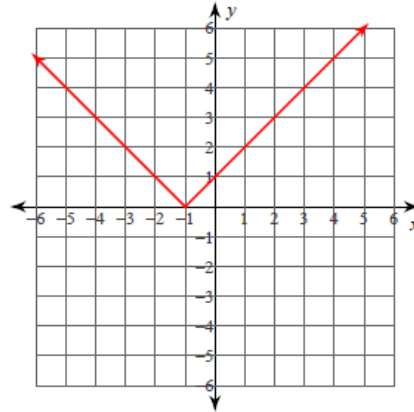
Answers

Graph each equation.

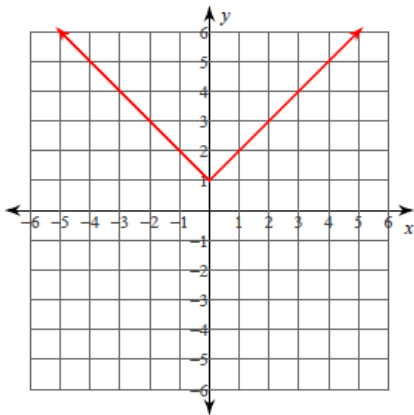
1) $y = |x - 2| - 4$



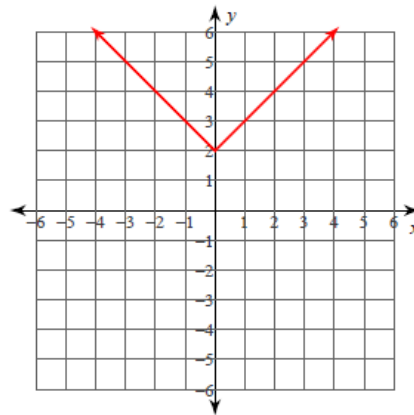
2) $y = |x + 1|$



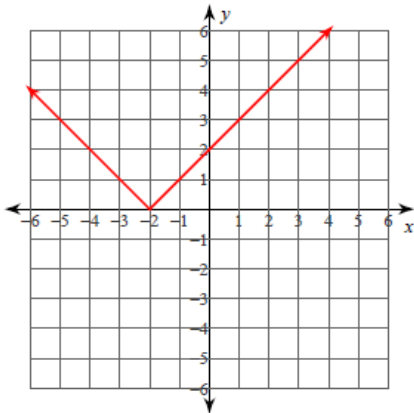
3) $y = |x| + 1$



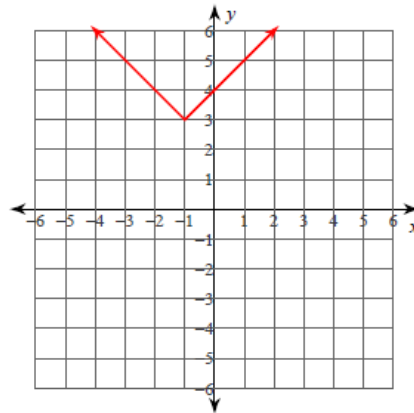
4) $y = |x| + 2$



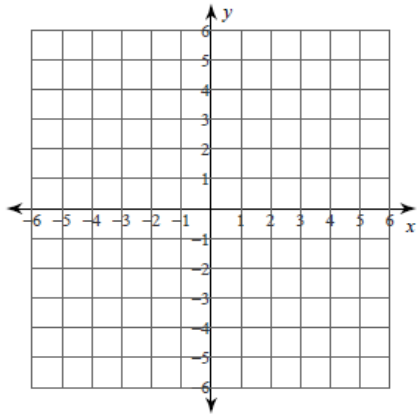
5) $y = |x + 2|$



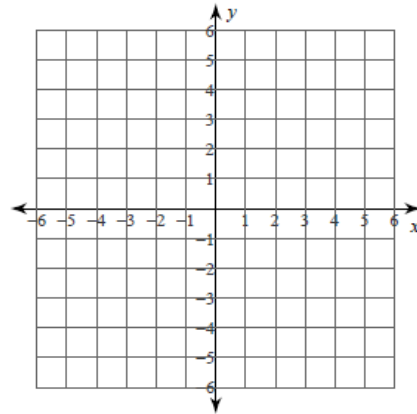
6) $y = |x + 1| + 3$



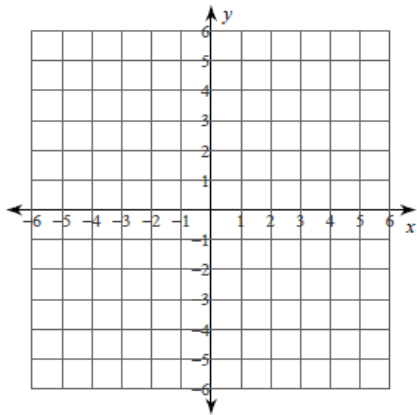
$$7) y = -|x - 2| - 2$$



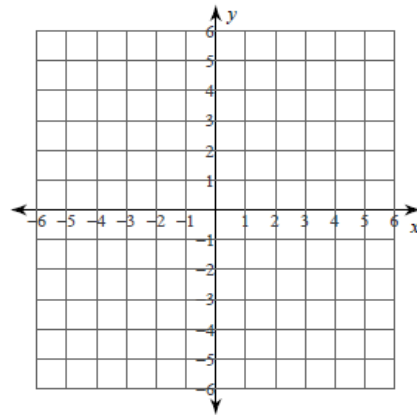
$$8) y = -|x + 1| + 4$$



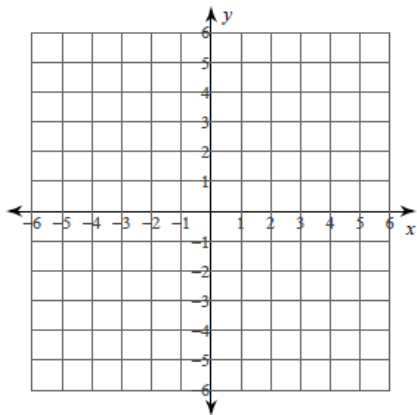
$$9) y = -|x + 4| + 2$$



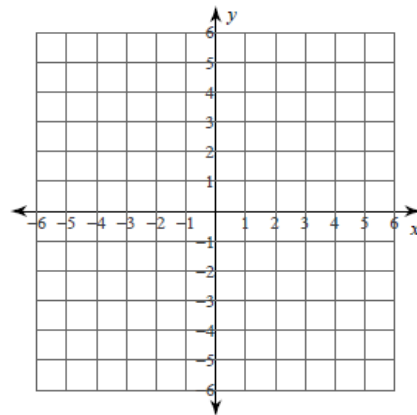
$$10) y = -|x - 1| + 1$$



$$11) y = -|x - 2| + 4$$

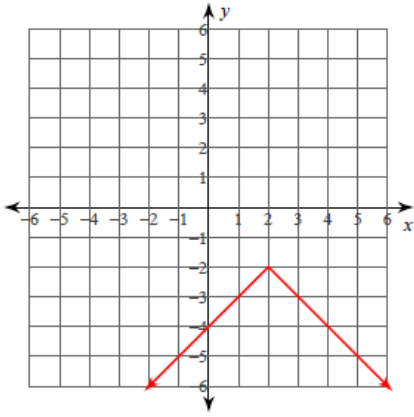


$$12) y = -|x - 1| - 1$$

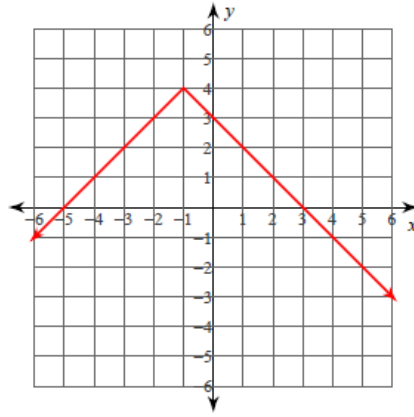


Answers

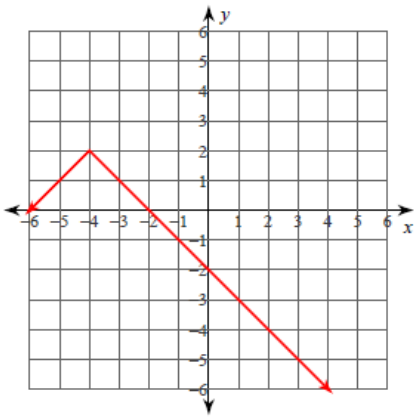
7) $y = -|x - 2| - 2$



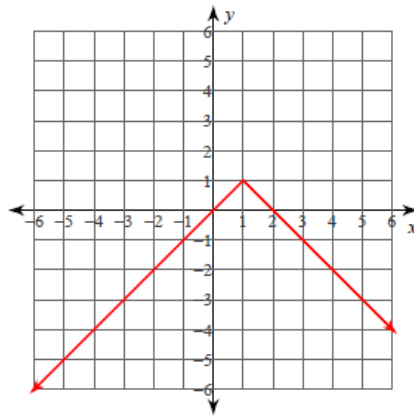
8) $y = -|x + 1| + 4$



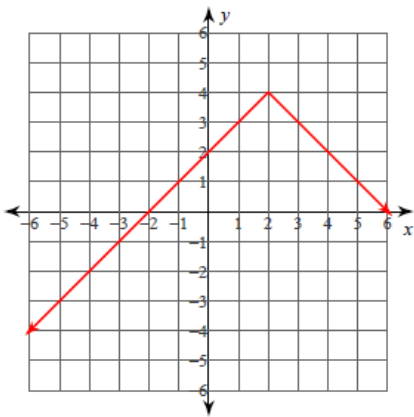
9) $y = -|x + 4| + 2$



10) $y = -|x - 1| + 1$



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



12) $y = -|x - 1| - 1$

