

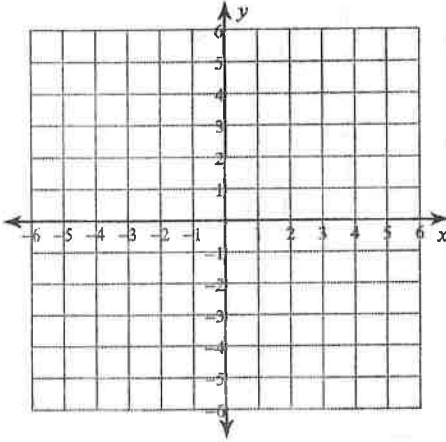
## Graphing Absolute Value Functions

Date \_\_\_\_\_

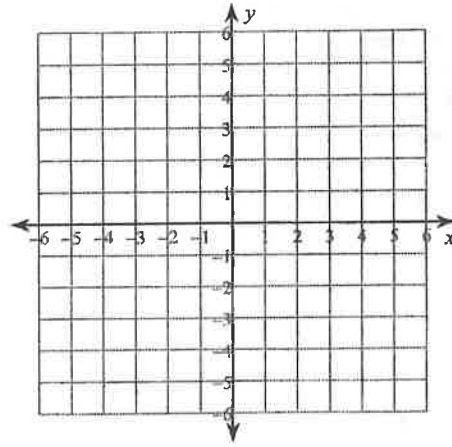
Period \_\_\_\_\_

Graph each equation.

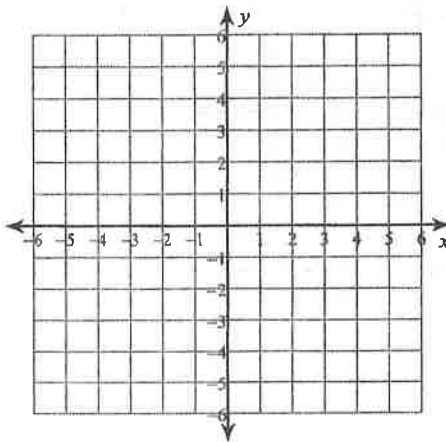
1)  $y = |x + 3| - 1$



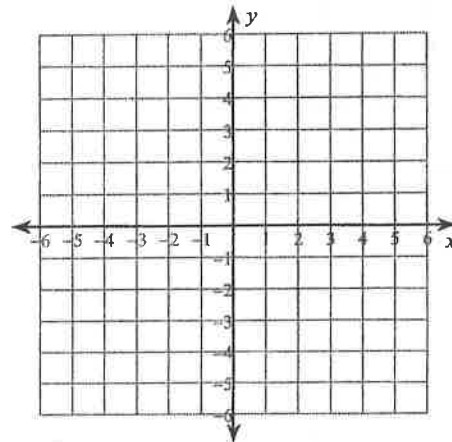
2)  $y = -|x + 1| + 4$



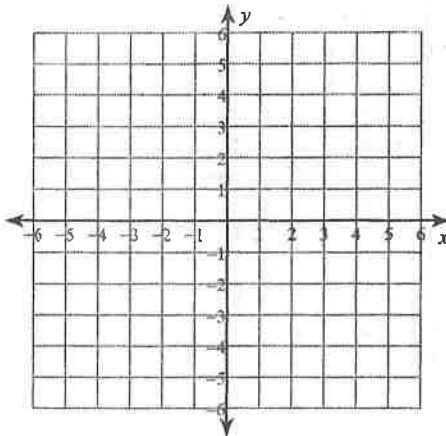
3)  $y = |x + 3| + 4$



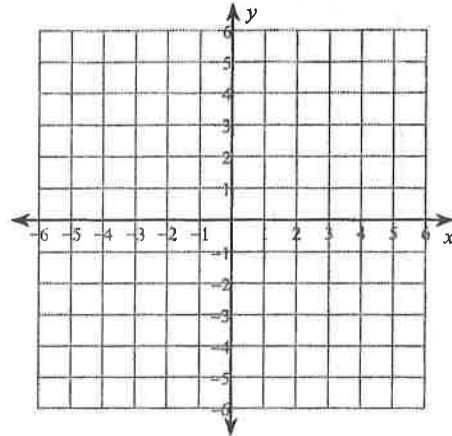
4)  $y = |x - 4| + 1$



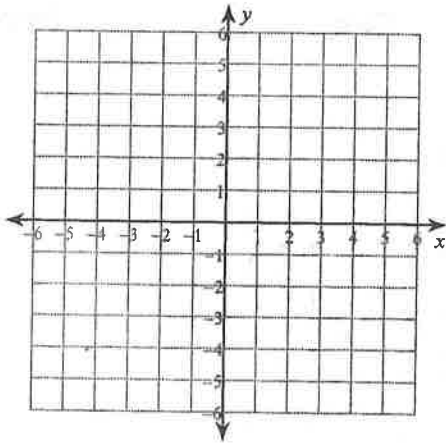
5)  $y = 2|x - 3| + 1$



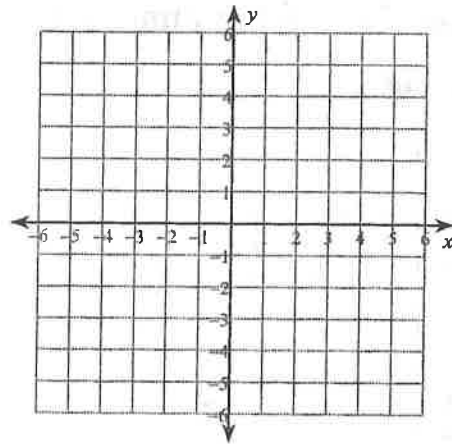
6)  $y = -2|x - 3| - 4$



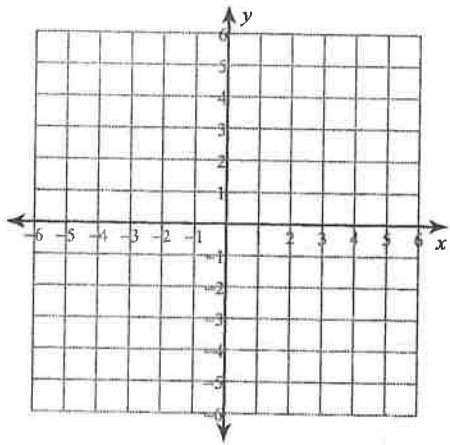
7)  $y = 3|x| - 3$



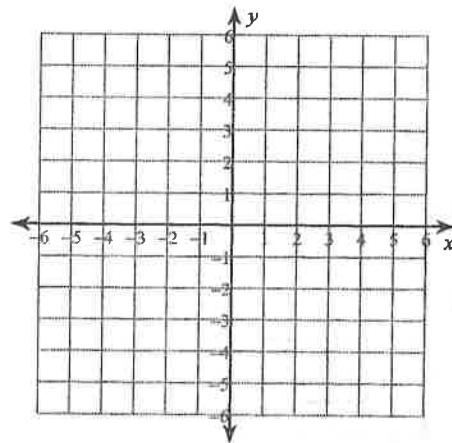
8)  $y = -3|x - 1|$



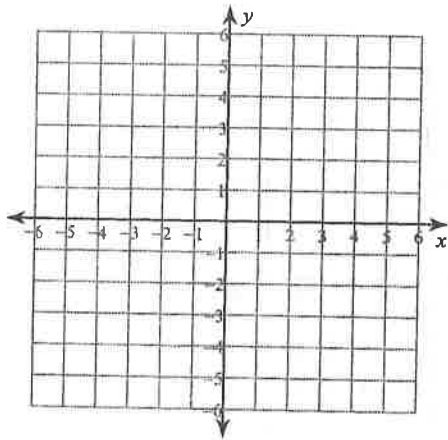
9)  $y = -|x - 4| + 4$



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



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



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

