

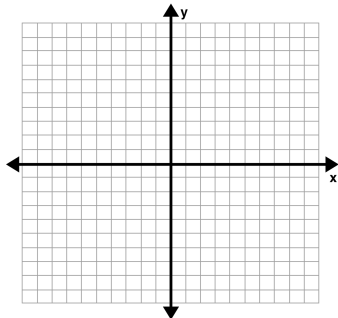
Name: \_\_\_\_\_

# GRAPHING ABSOLUTE VALUE FUNCTIONS

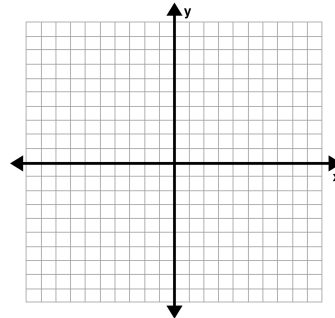


Directions: Sketch the graph of each equation.

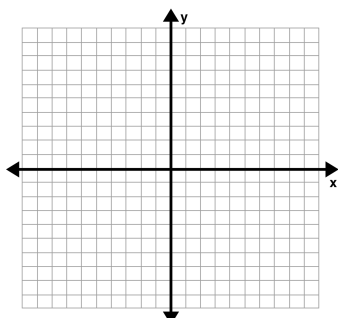
1.)  $y = 3 + |x|$



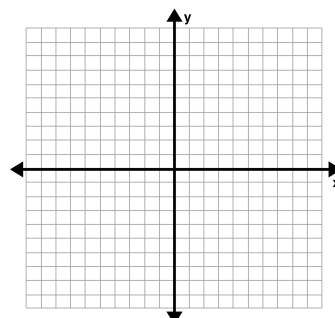
2.)  $y = |x + 4|$



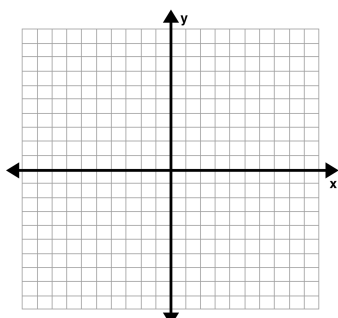
3.)  $y = |3x - 1|$



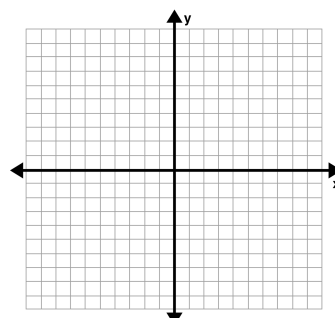
4.)  $y = 3|x| + 1$



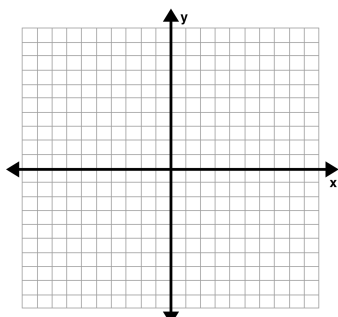
5.)  $y = -|x + 8|$



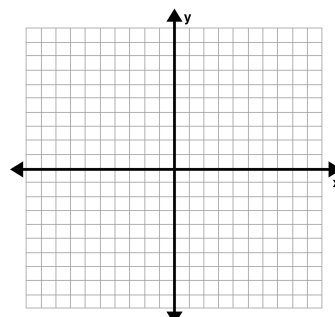
6.)  $y = -|2x + 2|$



7.)  $y = -|x + 1| + 9$

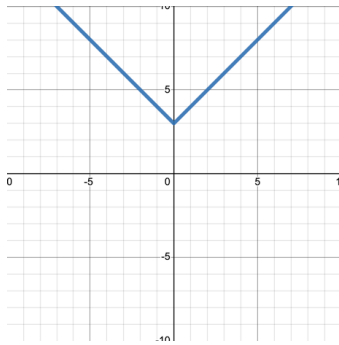


8.)  $y = |8 + x| - 3$

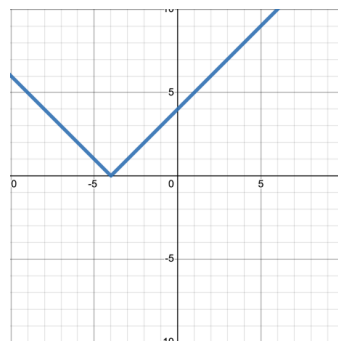


# ANSWER KEY

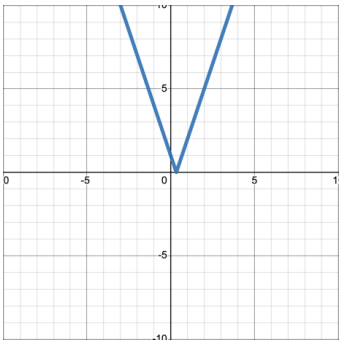
1.)



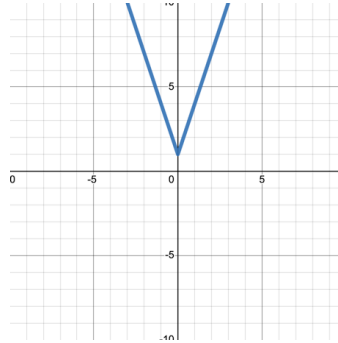
2.)



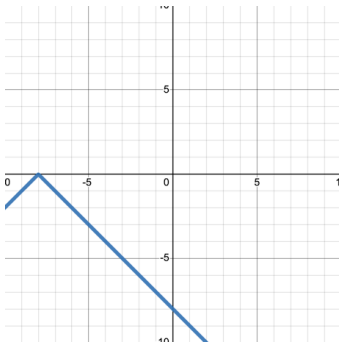
3.)



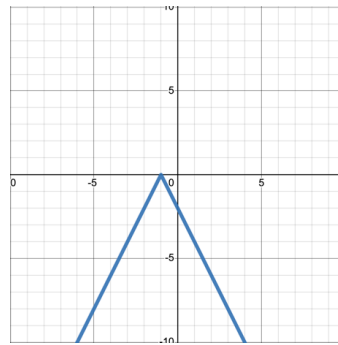
4.)



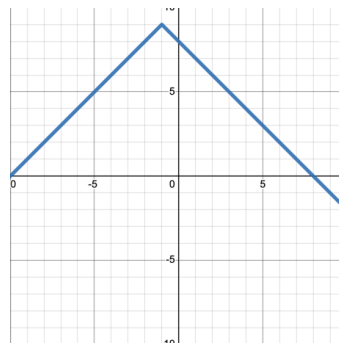
5.)



6.)



7.)



8.)

