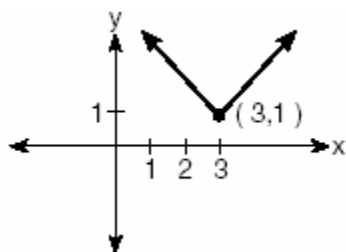


Lesson 6-8: Graphing Absolute Value Equations

Part 1: Translating Graphs of Absolute Value Equations

1. 060314b, P.I. A.G.4

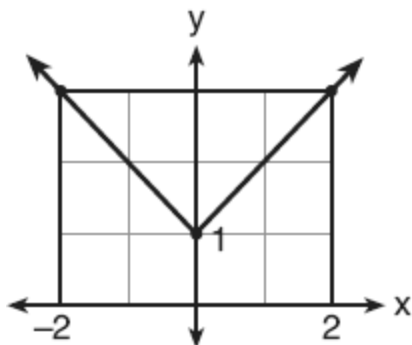
Which equation is represented by the accompanying graph?



- [A] $y = |x + 3| - 1$ [B] $y = (x - 3)^2 + 1$
[C] $y = |x - 3| + 1$ [D] $y = |x| - 3$

2. 080707b, P.I. A.G.4

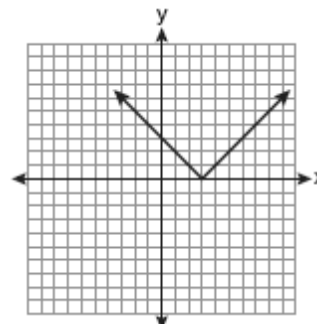
Which equation represents the function shown in the accompanying graph?



- [A] $f(x) = |x| - 1$ [B] $f(x) = |x| + 1$
[C] $f(x) = |x - 1|$ [D] $f(x) = |x + 1|$

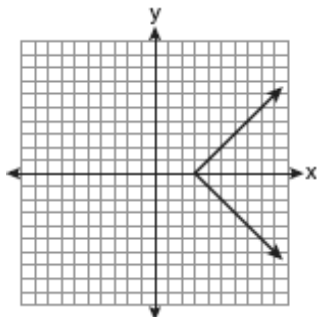
3. fall0722ia, P.I. A.G.4

The diagram below shows the graph of $y = |x - 3|$.

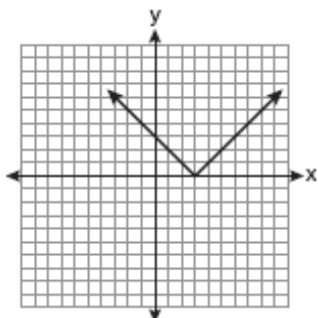


Which diagram shows the graph of $y = -|x - 3|$?

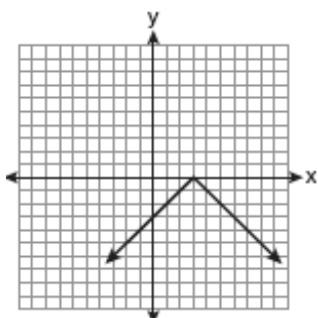
[A]



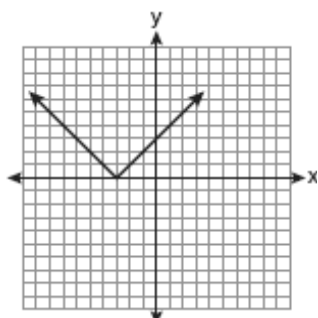
[B]



[C]

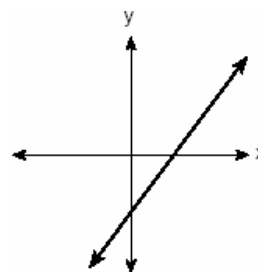


[D]



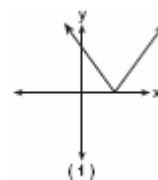
4. 010414b, P.I. A.G.4

The graph below represents $f(x)$.

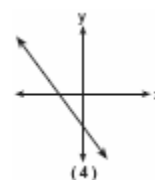


Which graph best represents $|f(x)|$?

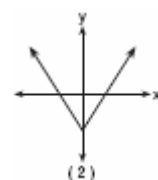
[A]



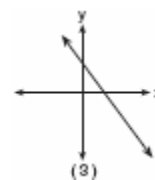
[B]



[C]



[D]



[1] C

[2] B

[3] C

[4] A