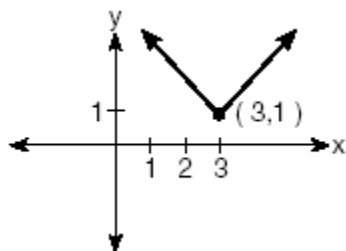


## Section 9-10: Graphs Involving Absolute Value

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

Which equation is represented by the accompanying graph?

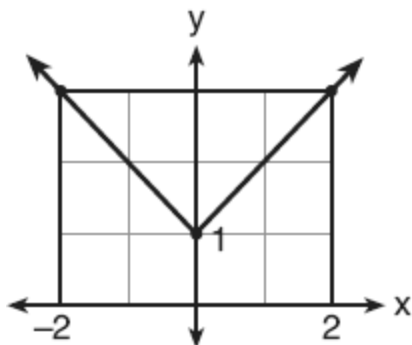


[A]  $y = |x - 3| + 1$       [B]  $y = |x + 3| - 1$

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

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

Which equation represents the function shown in the accompanying graph?

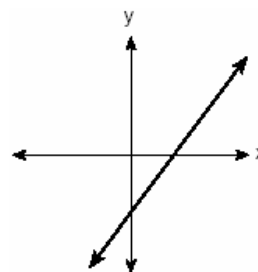


[A]  $f(x) = |x + 1|$       [B]  $f(x) = |x| - 1$

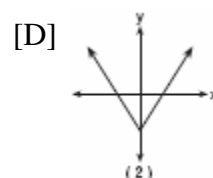
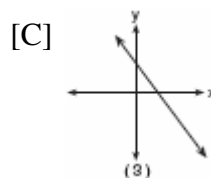
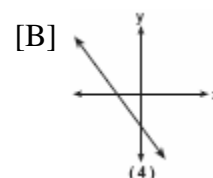
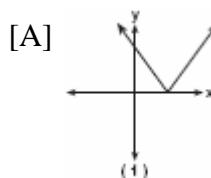
[C]  $f(x) = |x - 1|$       [D]  $f(x) = |x| + 1$

3. 010414b, P.I. A.G.4

The graph below represents  $f(x)$ .



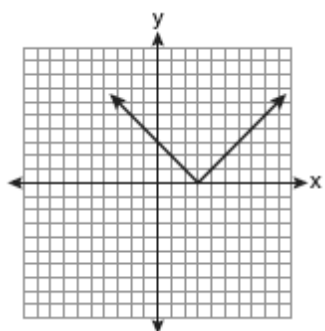
Which graph best represents  $|f(x)|$ ?



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

The diagram below shows the graph of

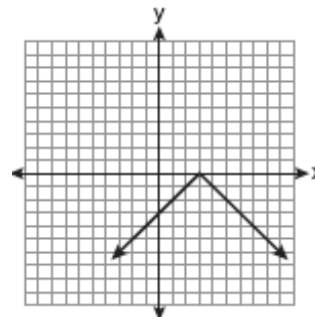
$$y = |x - 3|.$$



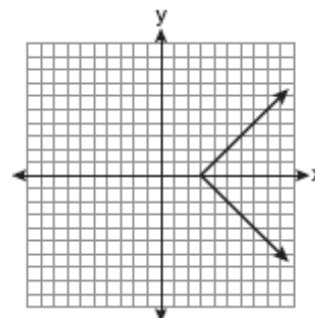
Which diagram shows the graph of

$$y = -|x - 3|?$$

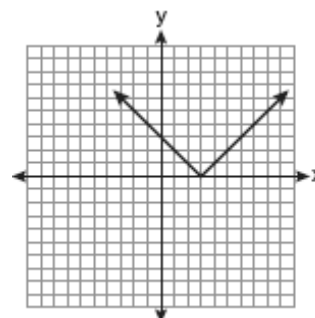
[A]



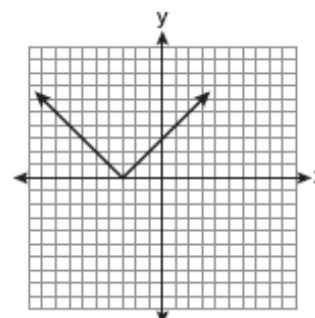
[B]



[C]



[D]



[1] A

[2] D

[3] A

[4] A