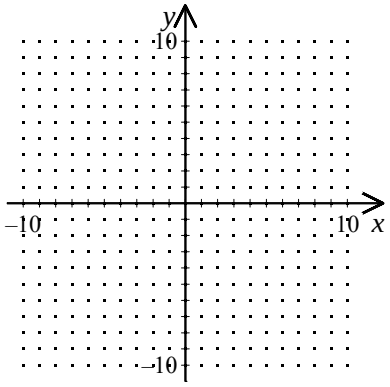
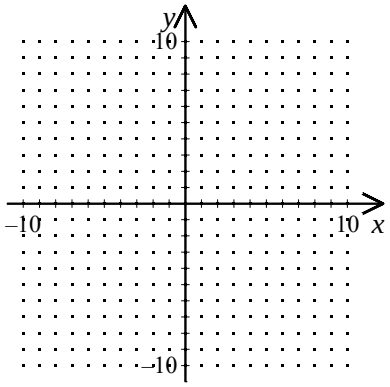
NAME:_____

1. Use the graph of $y = |x|$ to graph $y = |x - 2| - 3$.



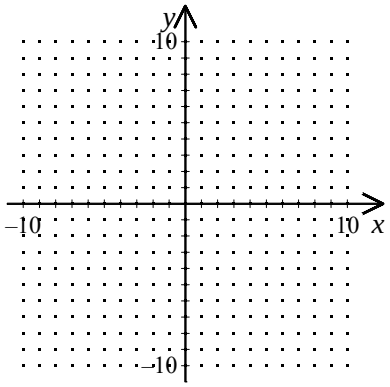
[1] _____

2. Use the graph of $y = |x|$ to graph $y = |x + 2| + 1$.



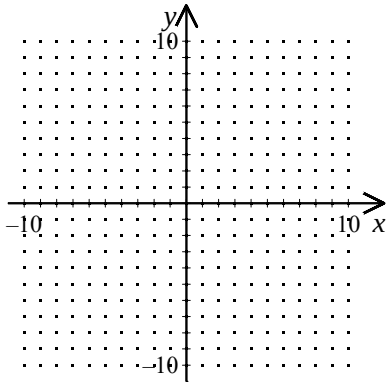
[2] _____

3. Use the graph of $y = |x|$ to graph $y = |x| - 2$.



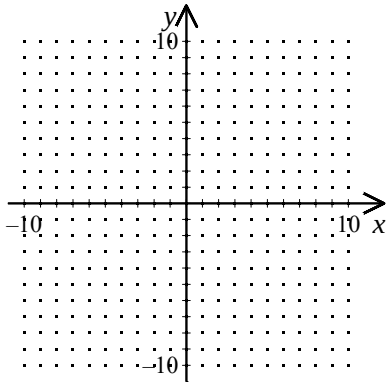
[3] _____

4. Use the graph of $y = |x|$ to graph $y = |x + 2| + 5$.



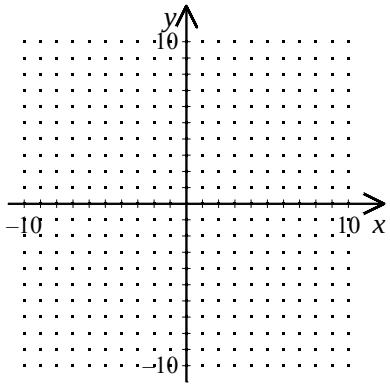
[4] _____

5. Use the graph of $y = |x|$ to graph $y = |x| - 4$.



[5] _____

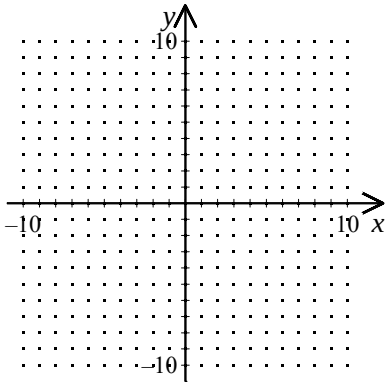
6. Use the graph of $y = |x|$ to graph $y = |x - 2| + 3$.



[6] _____

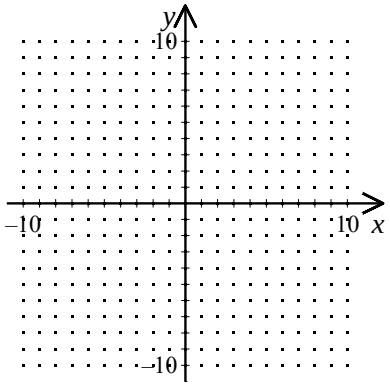
NAME:_____

7. Use the graph of $y = |x|$ to graph $y = |x + 2| - 1$.



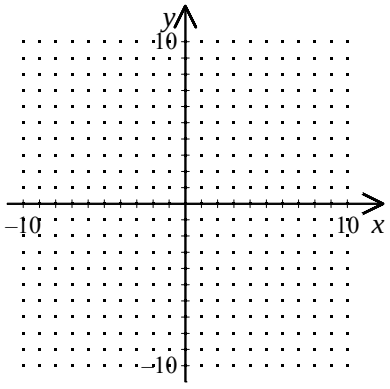
[7] _____

8. Use the graph of $y = |x|$ to graph $y = |x| + 2$.



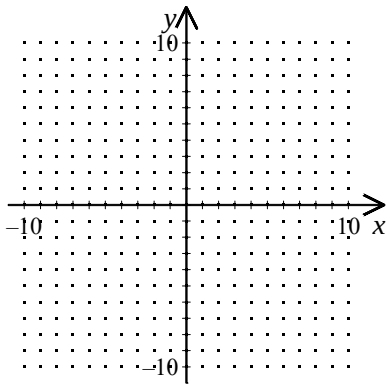
[8] _____

9. Use the graph of $y = |x|$ to graph $y = |x - 2| - 5$.



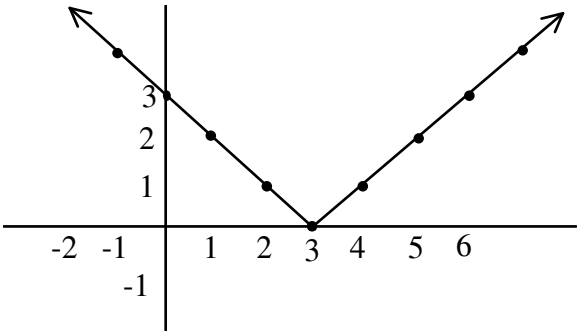
[9] _____

10. Use the graph of $y = |x|$ to graph $y = |x| + 4$.



[10] _____

11.



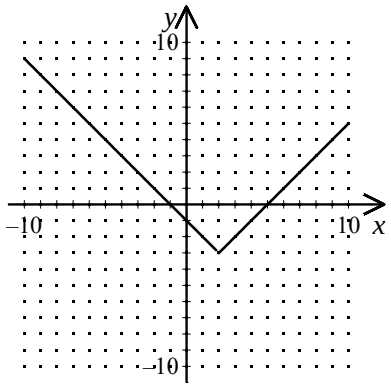
Which equation does the graph above represent?

[A] $y = \frac{1}{3}x^2$ [B] $y = |x - 3|$

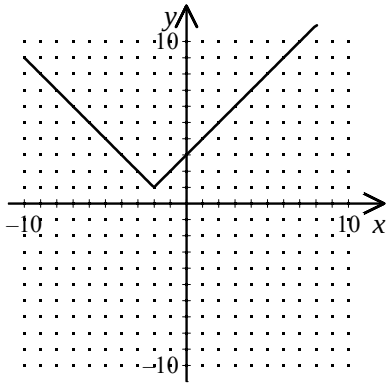
[C] $y = 3x^2$ [D] $y = 3 + |x|$

[11] _____

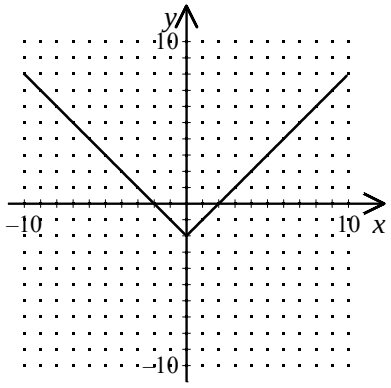
[1]


y
10
−10
10
x
−10

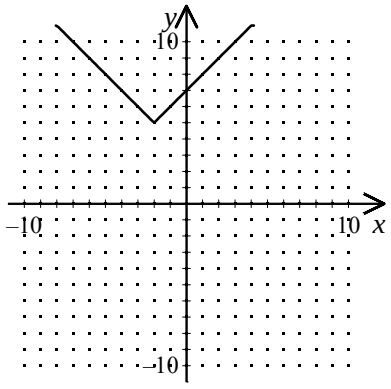
[2]


y
10
−10
10
x
−10

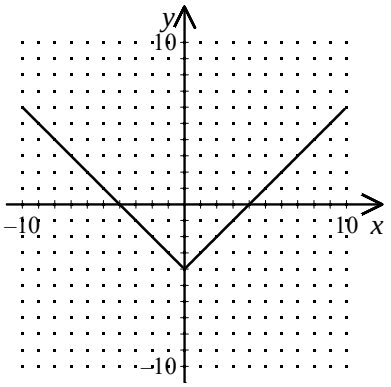
[3]


y
10
−10
10
x
−10

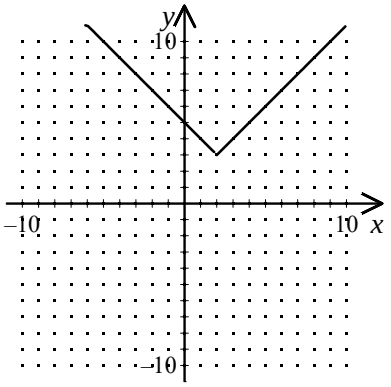
[4]


y
10
−10
10
x
−10

[5]


y
10
−10
10
x
−10

[6]


y
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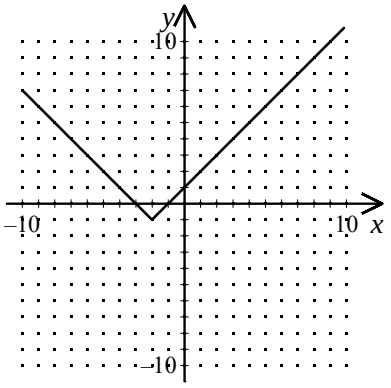
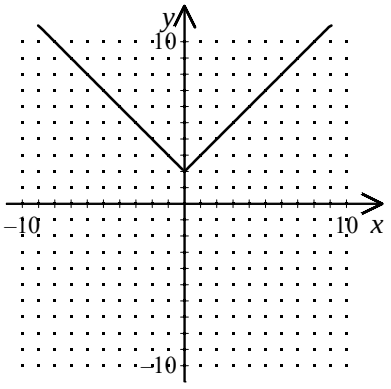
−10
10
x
−10

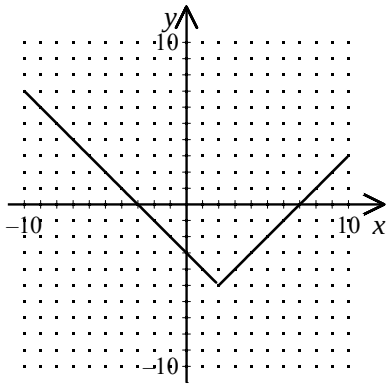
[7]


y
10
−10
10
x
−10

[8]


y
10
−10
10
x
−10

[9]



[10]