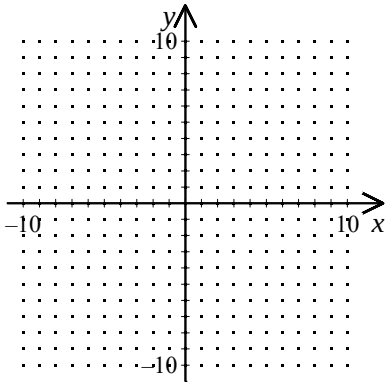
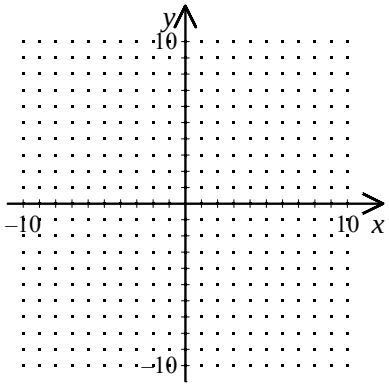
NAME:_____

1. Use the graph of $y = x^2$ to graph the equation $y = (x-1)^2$.



[1] _____

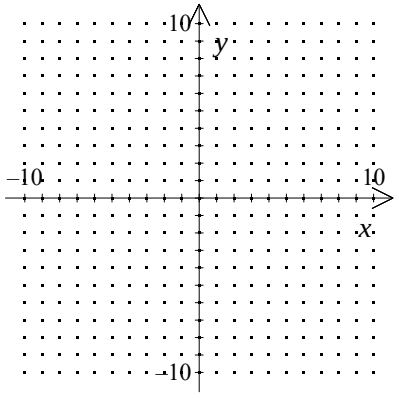
2. Use the graph of $y = x^2$ to graph the equation $y = (x-4)^2$.



[2] _____

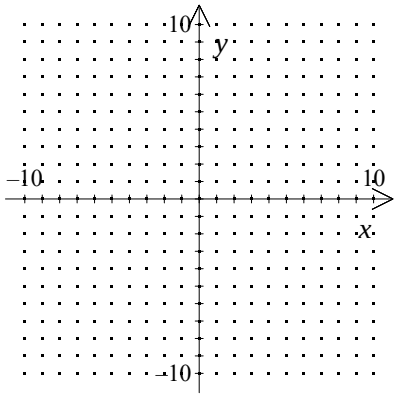
Graph:

3. $y = (x-3)^2 + 1$



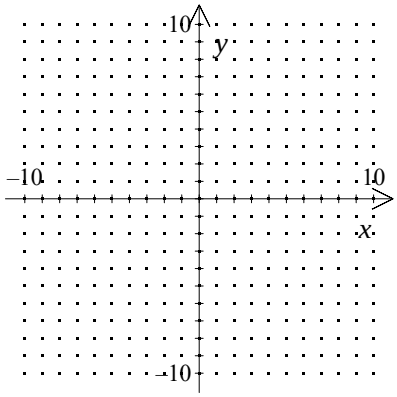
[3] _____

4. $y = 2(x+3)^2 + 2$



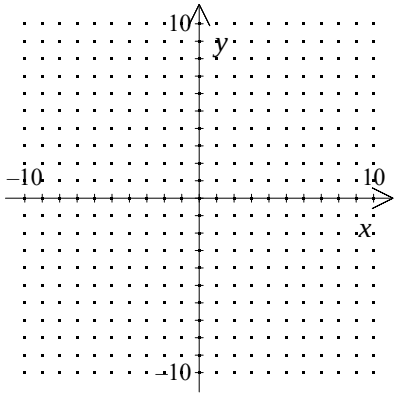
[4] _____

5. $y = -(x-1)^2 - 4$



[5] _____

6. Graph the parabola $y = 3.6(x-1)^2 - 4$. Find its minimum or maximum value.

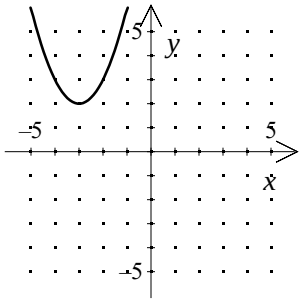


[6] _____

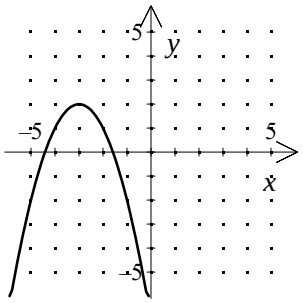
NAME:_____

7. Which of the following is the graph of the equation $y = (x+3)^2 + 2$?

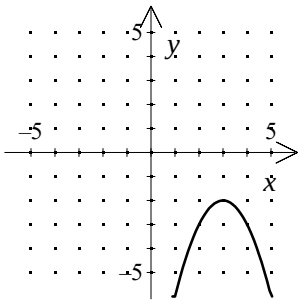
[A]



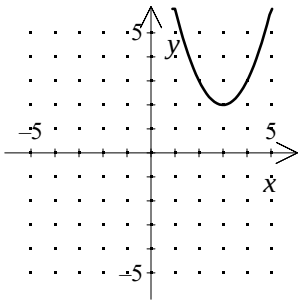
[B]



[C]



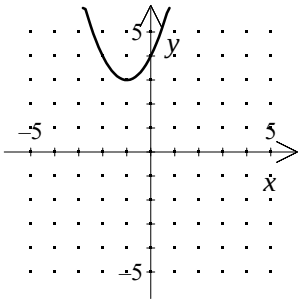
[D]



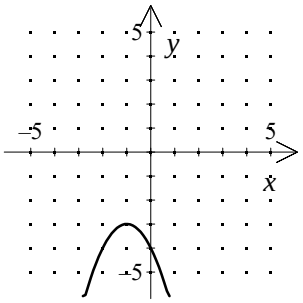
[7] _____

8. Graph the parabola: $y = -(x-1)^2 - 3$

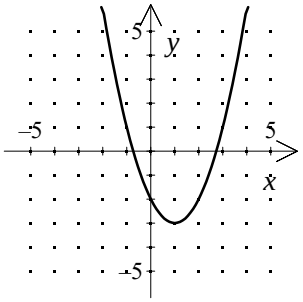
[A]



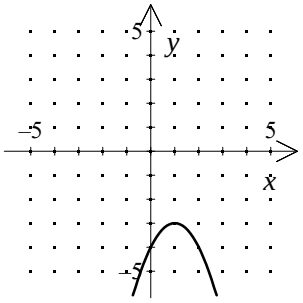
[B]



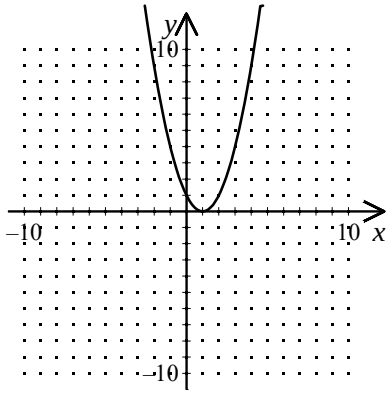
[C]

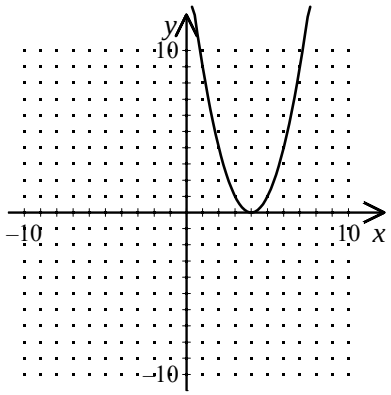


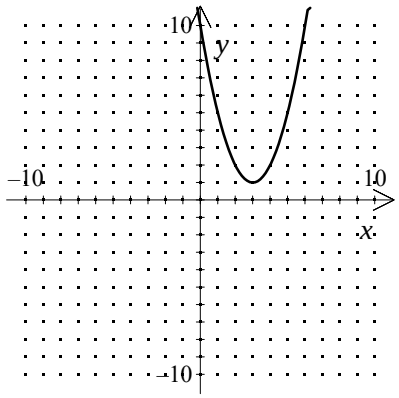
[D]

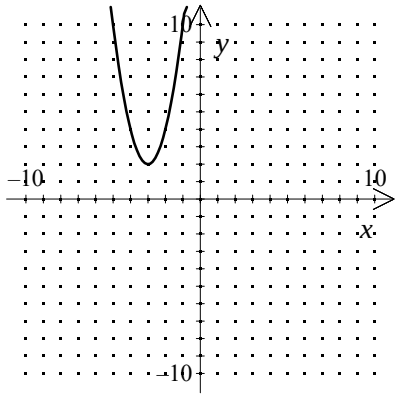


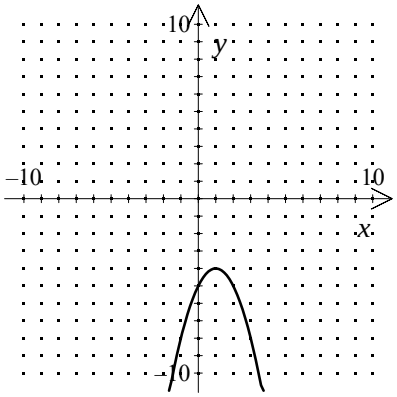
[8] _____

[1] 

[2] 

[3] 

[4] 

[5] 

[6] Check students' graphs. Its minimum value is -4.

[7] A

[8] D