

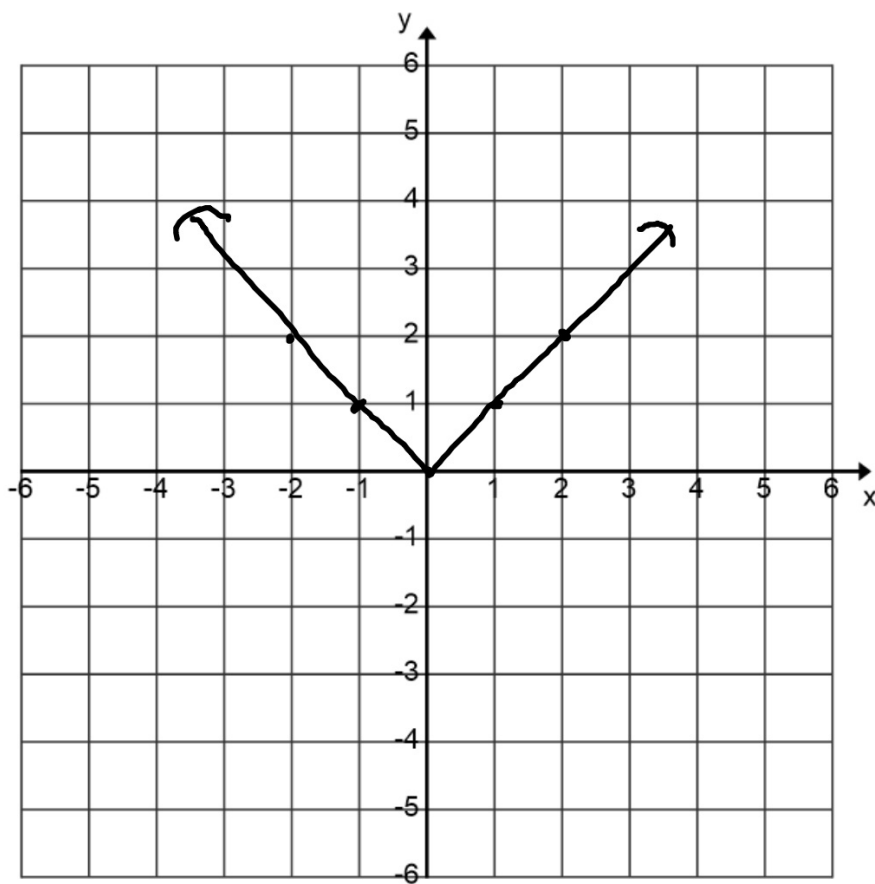
$$y = x^2$$

$$y = \frac{1}{2}x^2$$

x	y
0	0
1	$\frac{1}{2}$
2	2

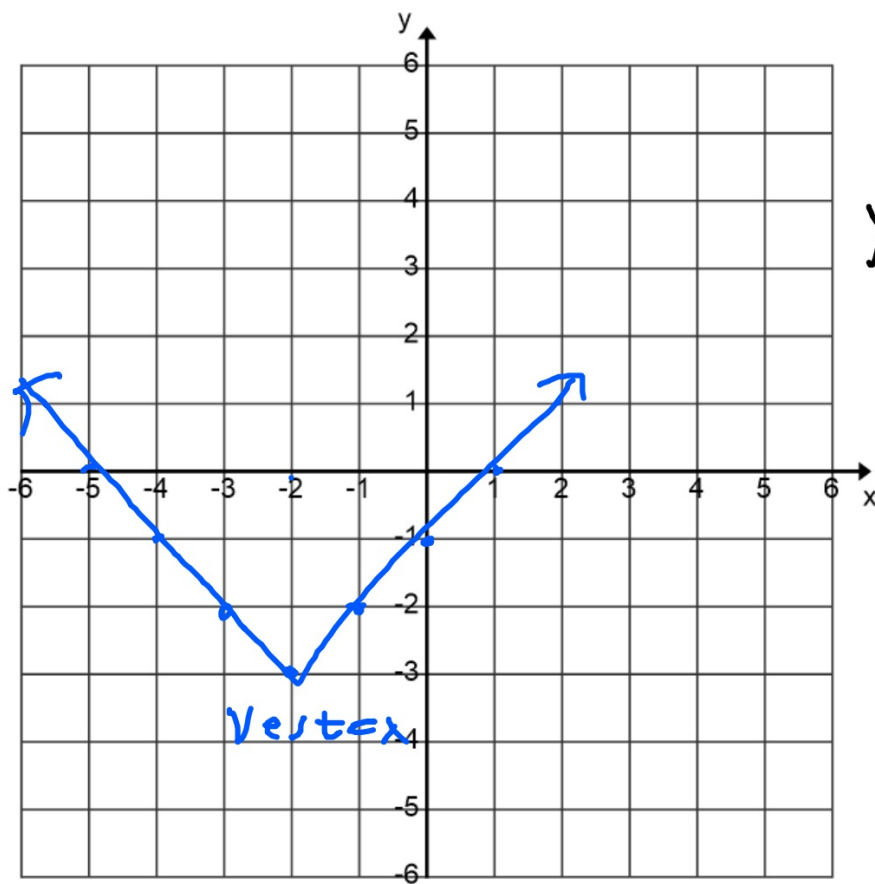
$$y = 2x^2$$

x	y
0	0
1	2
2	8



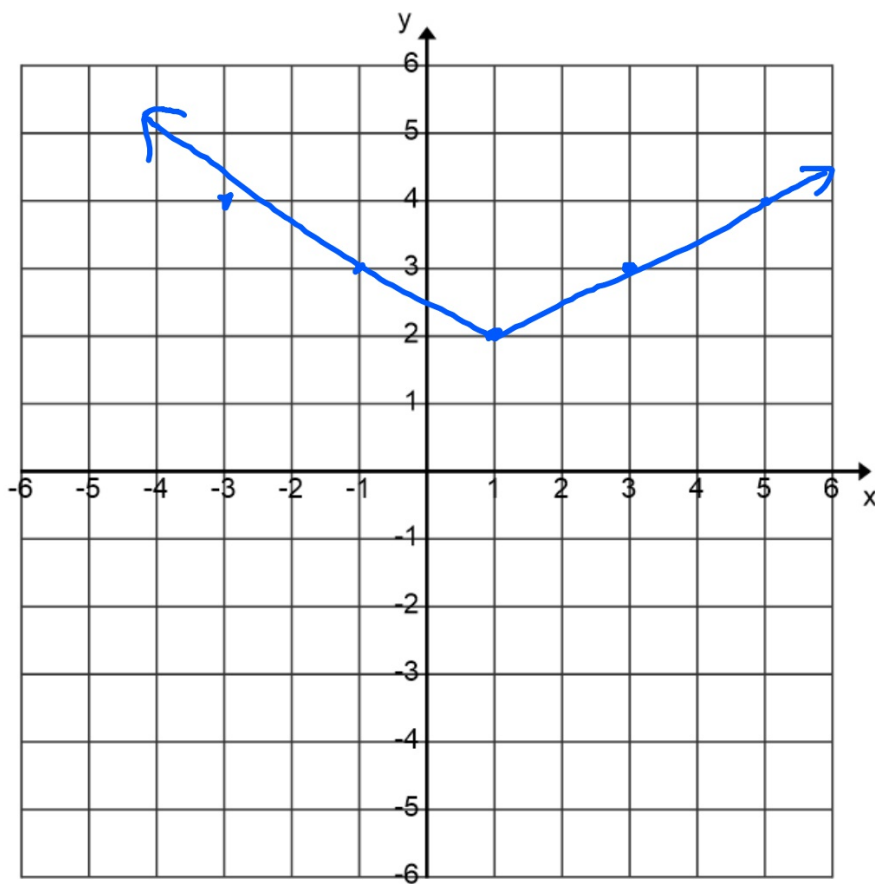
$$y = |x|$$

$x$	$y$
0	0
1	1
-1	1
2	2
-2	2
2	2



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

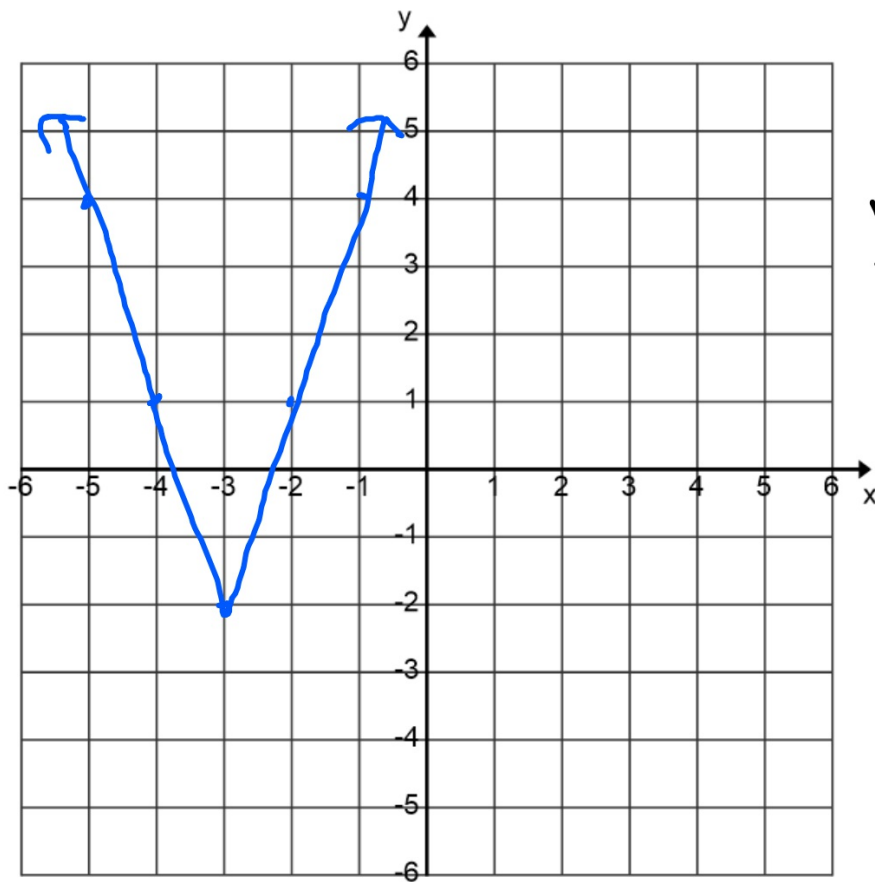
Vertex  
(-2, -3)



$$y = \frac{1}{2}|x-1| + 2$$

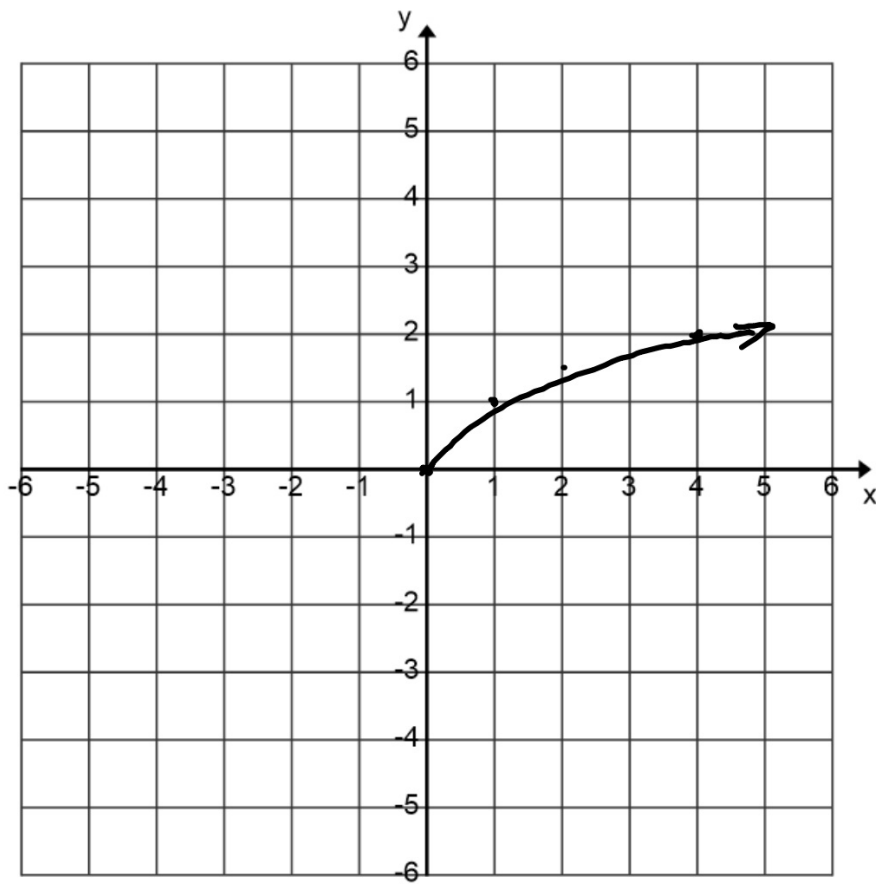
Vertex

(1, 2)



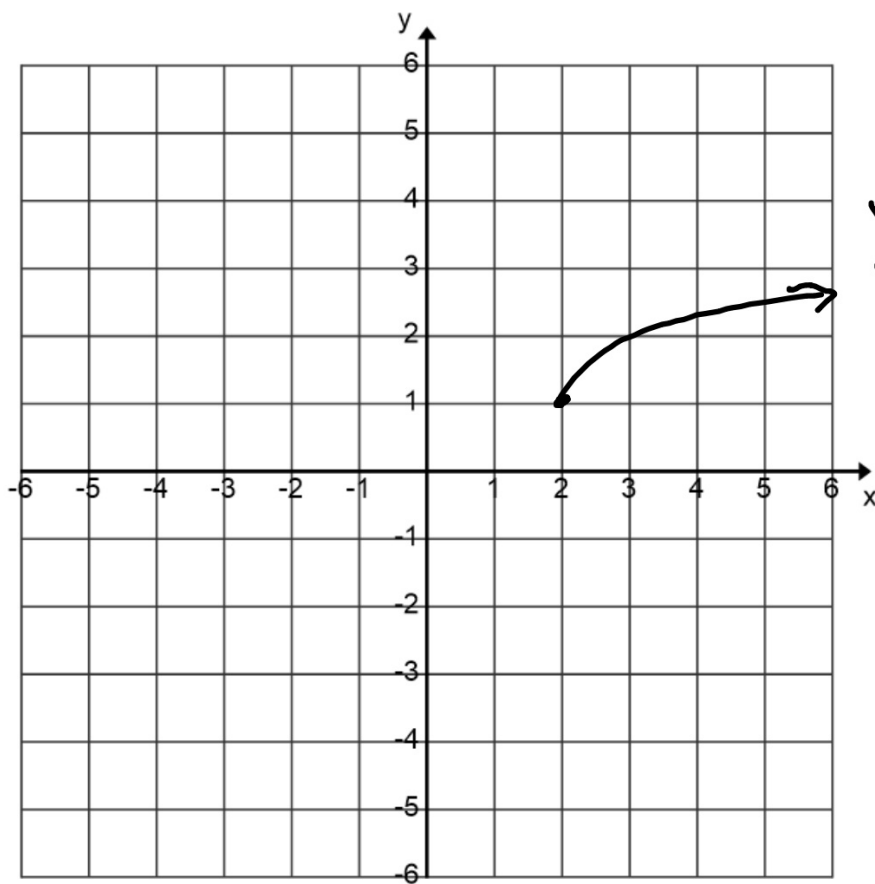
$$y = 3|x + 3| - 2$$

Vertex  
 $(-3, -2)$

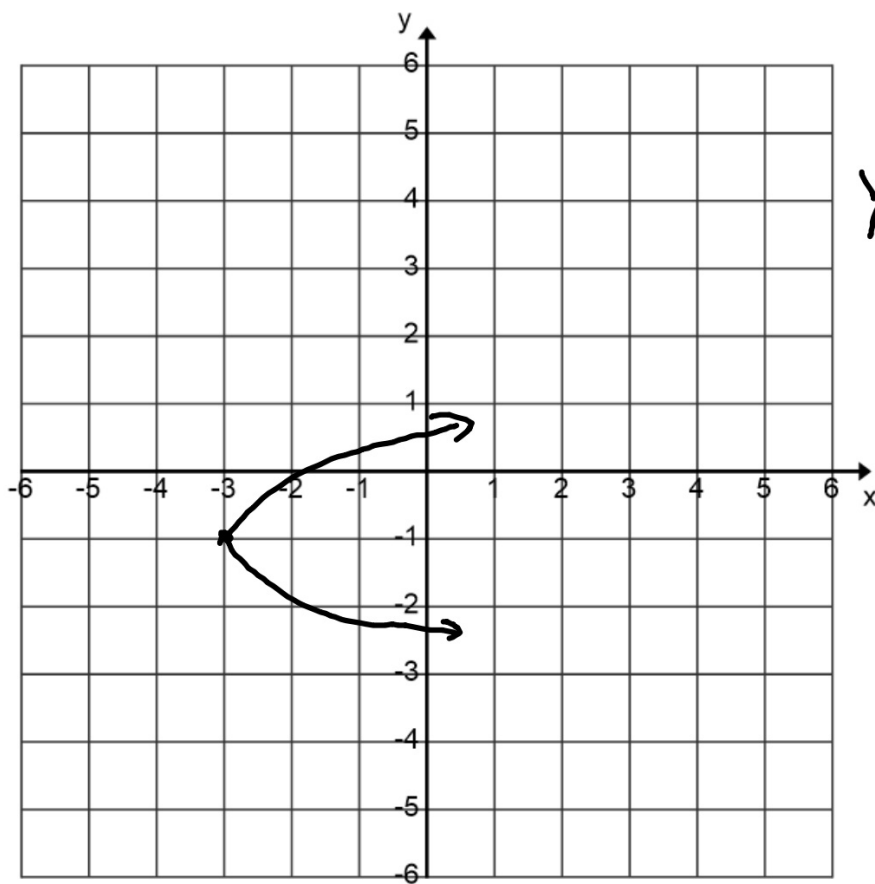


$$y = \sqrt{x}$$

x	y
-4	X
0	0
1	1
2	1.414
4	2



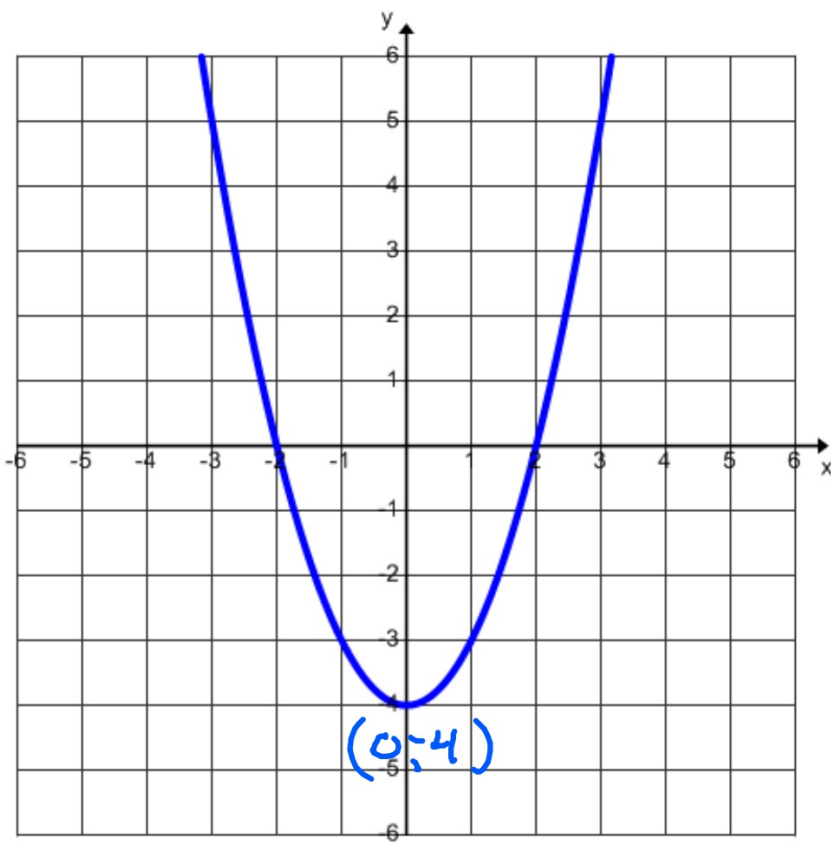
$$y = \sqrt{x-2} + 1$$



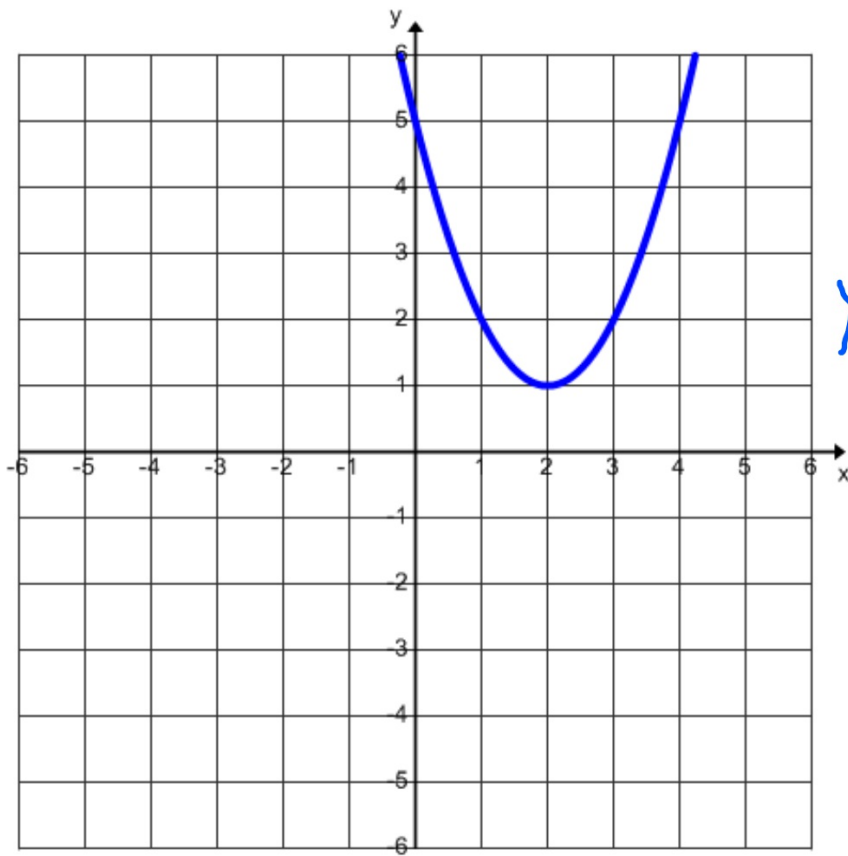
$$y = \pm \sqrt{x+3} - 1$$

Vertex  
 $(-3, -1)$

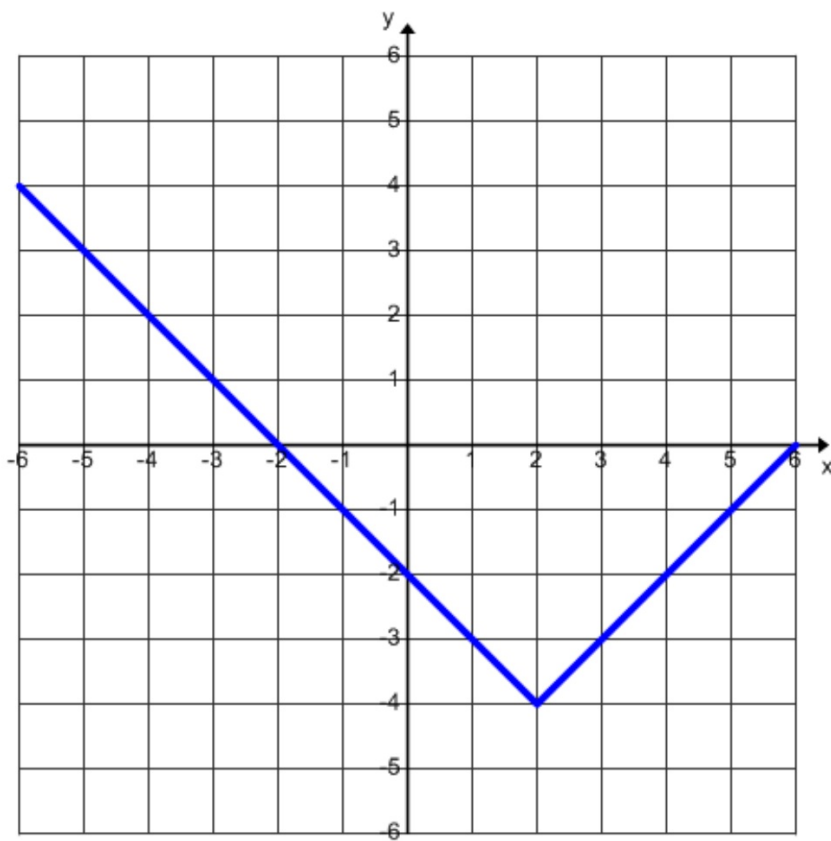




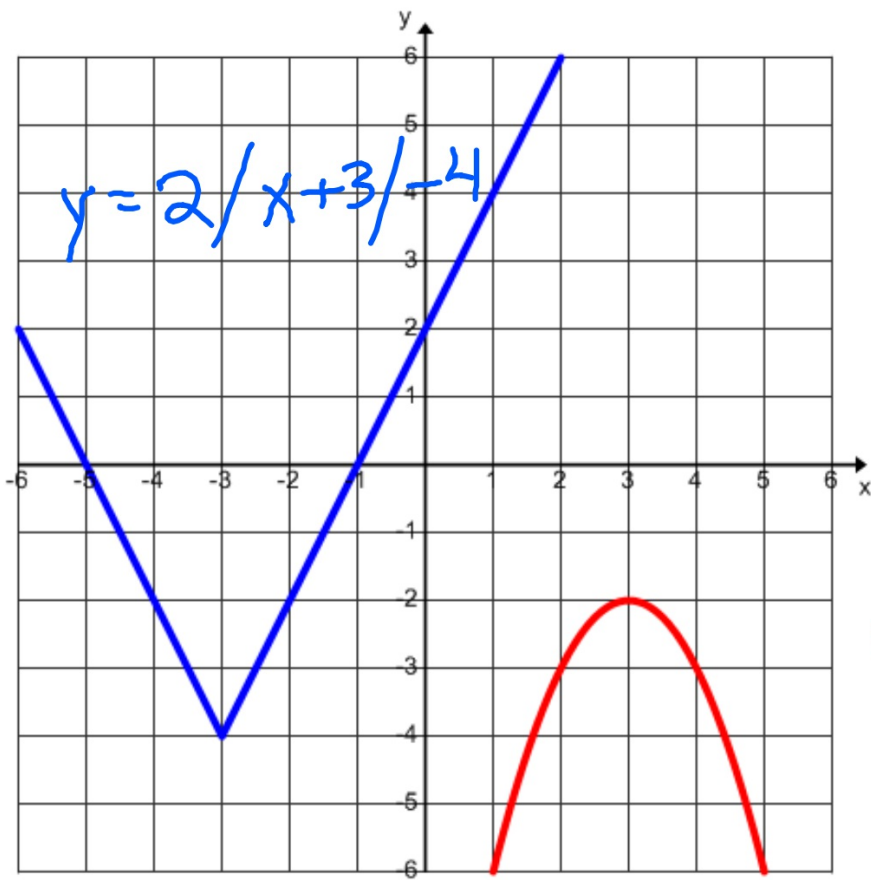
$$y = x^2 - 4$$



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

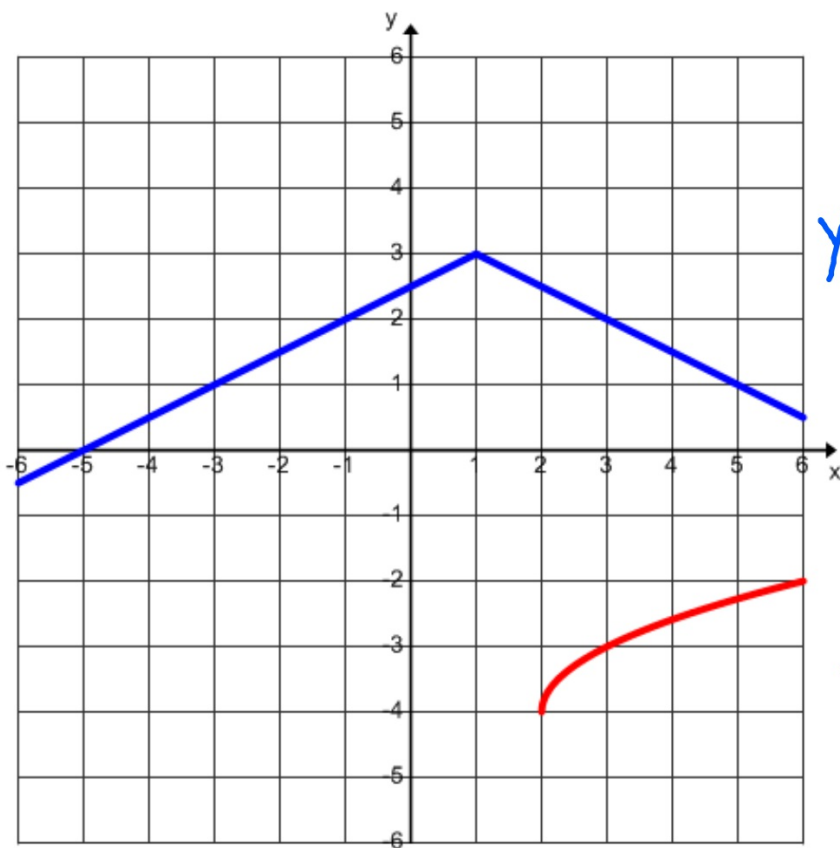


$$y = |x - 2| - 4$$



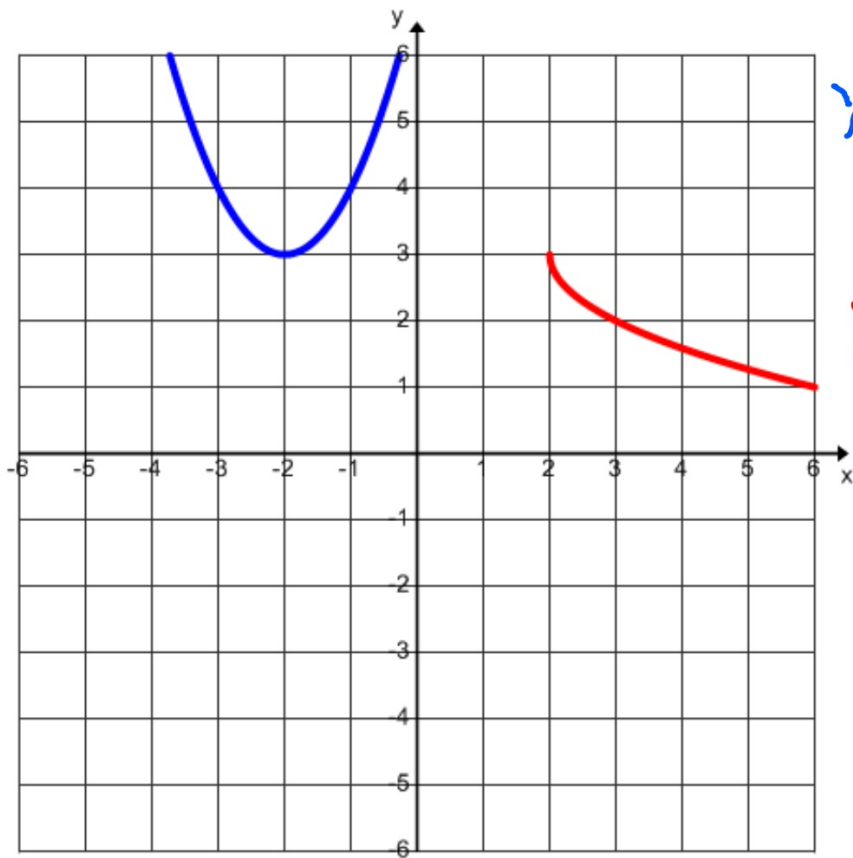
$$y = 2/x + 3/-4$$

$$y = -(x-3)^2 - 2$$



$$y = -\frac{1}{2}|x-1| + 3$$

$$y = \sqrt{x-2} - 4$$



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

$$y = -\sqrt{x-2} + 3$$

