vertex horizodal shift to x=-2

vertical shift up Paphing Refresher

Graph the following equations. Identify the Vertex, Line of Symmetry, and plot any necessary points.

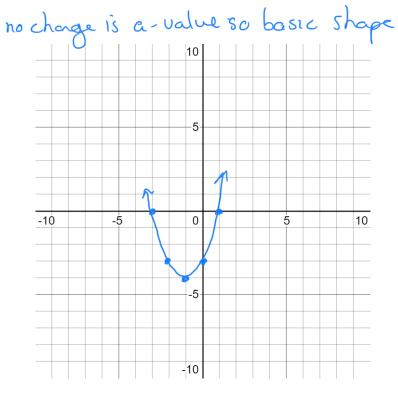
1.
$$y = -(x+2)^2 + 1$$

	х	у
	-2	1
negetive	-1	0
atem	0	-3
opers	- 3	0
down	-4	
V		
outputs	had	

	5	Axis of sym
-10 -5	-5	tle x-value of-the vertex x=-7
	-10	

by a factor of -1

x	у
–)	- 4
\bigcirc	-3
- 2	-3
1	0
- 3	\bigcirc



ventex: (-1,-4) Axis of Sym: x=-1