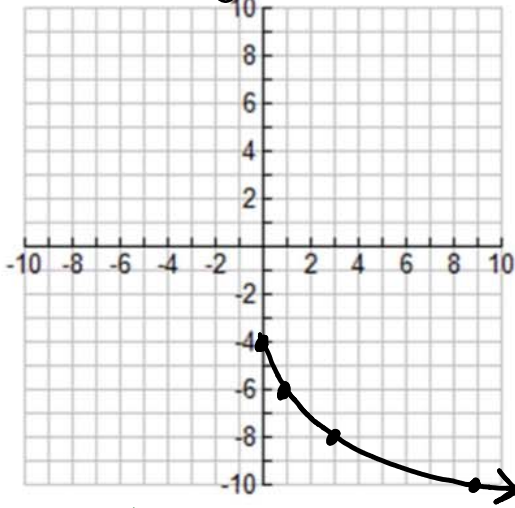


Graph $y = -2\sqrt{x} - 4$



V. stretch bafu 2
flip over x-axis
down 4

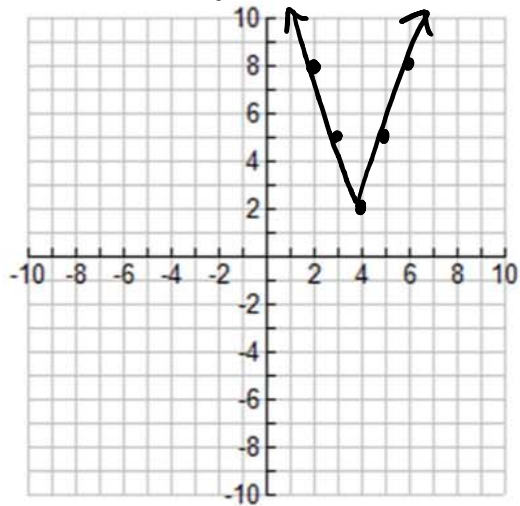
x	\sqrt{x}	$2\sqrt{x}$	$-2\sqrt{x}$	$-2\sqrt{x}-4$
0	0	0	0	-4
1	1	2	-2	-6
4	2	4	-4	-8
9	3	6	-6	-10

H
Right 4

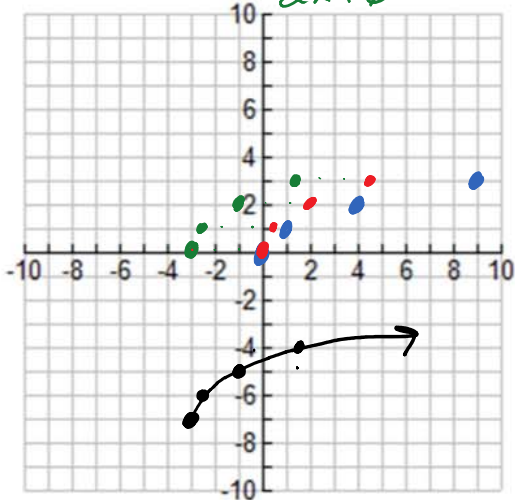
V
s bafu 3
up 2

$ x-4 $	x	$ x $	$3 x $	$3 x +2$
2	-2	2	6	8
3	-1	1	3	5
4	0	0	0	2
5	1	1	3	5
6	2	2	6	8

Graph $y = 3|x-4| + 2$



Graph $y = \sqrt{2(x+3)} - 7$
2x+6



H
shrink bafu 1/2
Left 3

V
Down 7

Left 6
shrink bafu 1/2
Down 7

	x	\sqrt{x}	$\sqrt{x} - 7$
-3	0	0	-7
-2.5	1	1	-6
-1	4	2	-5
+1.5	9	3	-4