

WRITE YOUR NAME:

MAC 2241 Quiz 3  
Friday September 7th

Question 1. Draw a reasonable graph of the function. Label at least four points.

$$f(x) = \sqrt{x+3}$$

Picture doesn't need to be beautiful,  
but need to recognize that  $x = -3$   
will give the leftmost point on the graph.

$x$	$\sqrt{x+3}$
-3	$\sqrt{0} = 0$
-2	$\sqrt{1} = 1$
-1	$\sqrt{2} (\approx 1.4)$
0	$\sqrt{3} (\approx 1.7)$
1	$\sqrt{4} = 2$
2	$\sqrt{5}$
3	$\sqrt{6}$
4	$\sqrt{7}$
5	$\sqrt{8}$
6	$\sqrt{9} = 3$

