

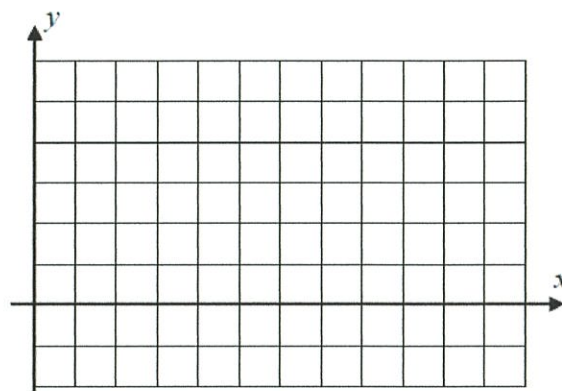
Do Now

Exercise #10 Consider $f(x) = \sqrt{x}$.

- (a) Create a table of values for input values of x for which you can find rational square roots.

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

- (b) Graph the function on the grid provided.



- (c) What is the domain of this function?

- (d) What is the range of this function?

- (e) Circle the correct choice below that characterizes $f(x) = \sqrt{x}$.

$f(x)$ is always decreasing

$f(x)$ is always increasing

- (f) What shape does the square root graph appear to be “half” of? **This is not a coincidence.**