

①

②

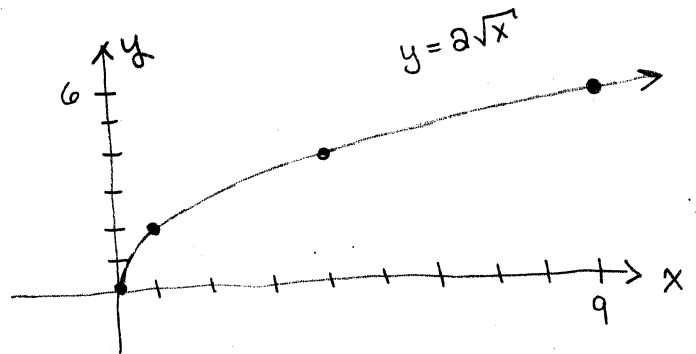
- Describe the graph of $y = 2\sqrt{x}$. How about $y = -2\sqrt{x}$?

THE GRAPH OF $y = 2\sqrt{x}$ IS THE GRAPH OF

①

$y = \sqrt{x}$ VERTICALLY STRETCHED BY A FACTOR OF 2 -- EVERY y -COORD. IS TWICE THAT OF THE CORRESPONDING COORD. OF $y = \sqrt{x}$.

x	$y = 2\sqrt{x}$
0	0
1	2
4	4
9	6



②

REFLECT THE GRAPH OF $y = 2\sqrt{x}$ ABOUT THE x -AXIS TO GET THE GRAPH OF $y = -2\sqrt{x}$.

Roughly...

