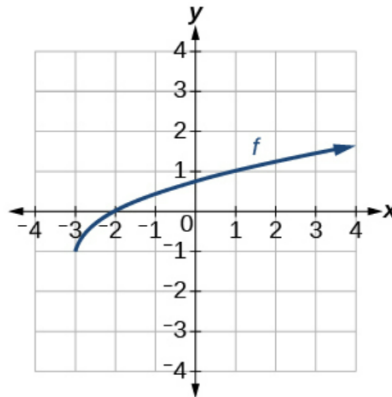


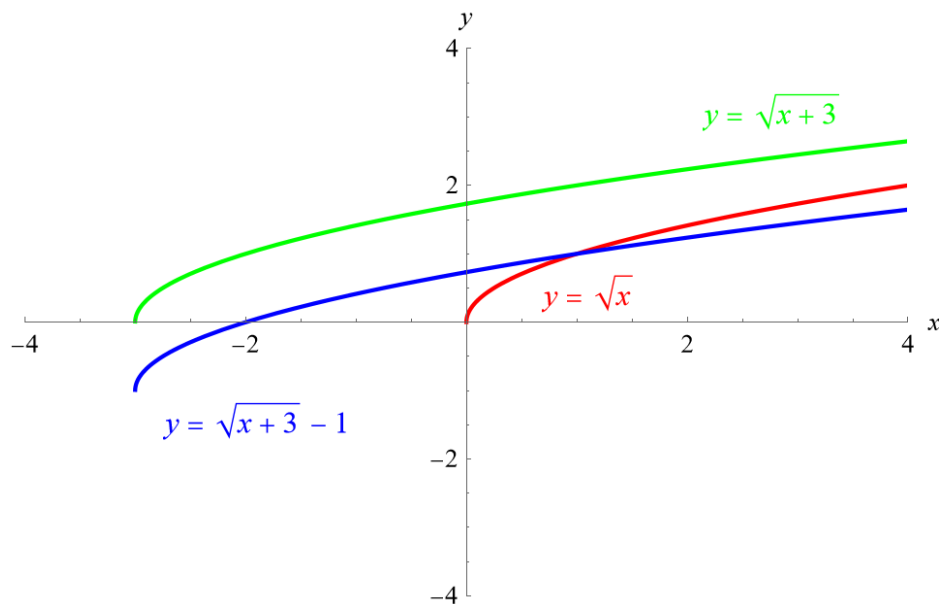
## Exercise 35

For the following exercises, write an equation for each graphed function by using transformations of the graphs of one of the toolkit functions.



### Solution

This is a square root function. Shift it to the left by 3 units and down by 1 unit.



$$f(x) = \sqrt{x+3} - 1$$