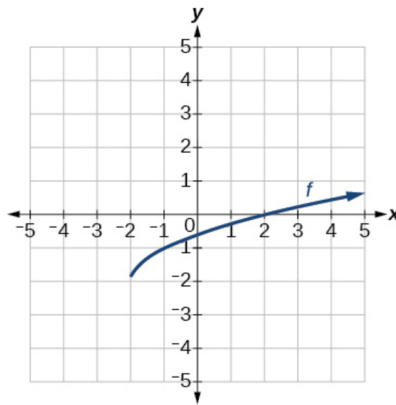


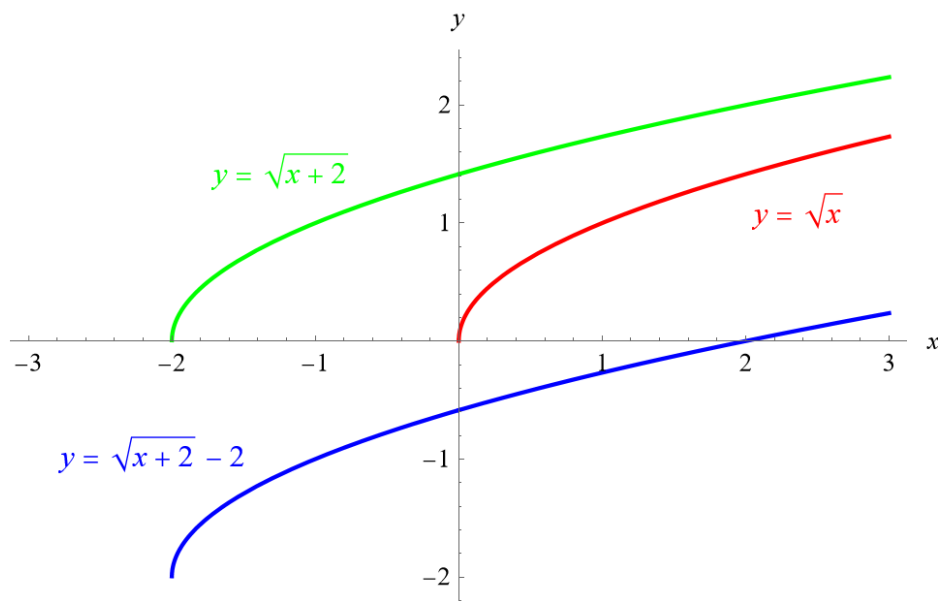
Exercise 40

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 that's been shifted to the left by 2 units and shifted down by 2 units.



$$f(x) = \sqrt{x+2} - 2$$