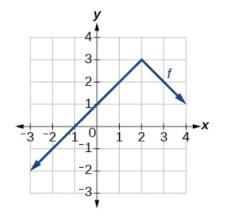
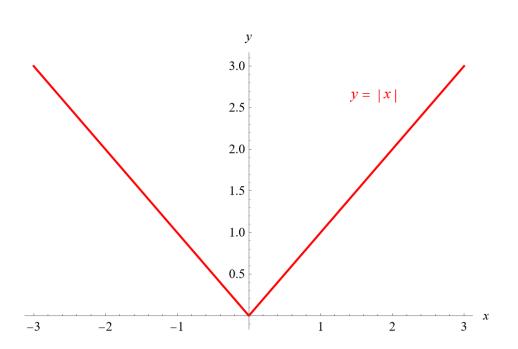
Exercise 46

For the following exercises, use the graphs of the transformed toolkit functions to write a formula for each of the resulting functions.



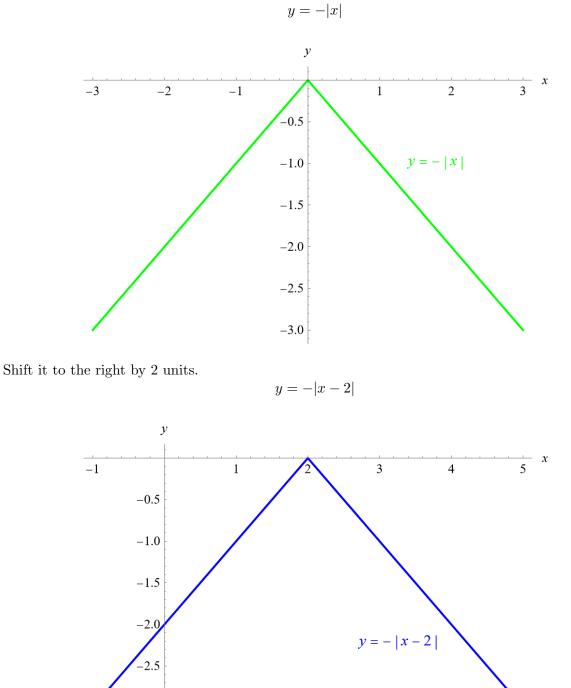
Solution

This is an absolute value function that's been reflected over the x-axis, shifted to the right by 2 units, and shifted up by 3 units. Start with the standard absolute value function.



y = |x|

Reflect it over the x-axis.



-3.0

Shift it up by 3 units.

