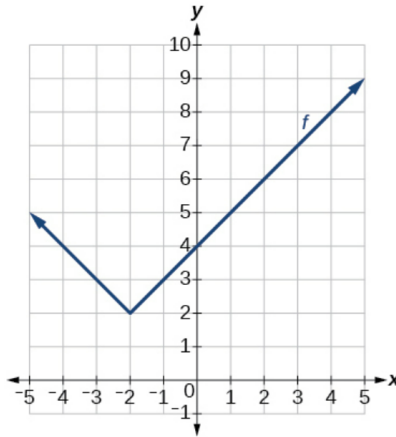


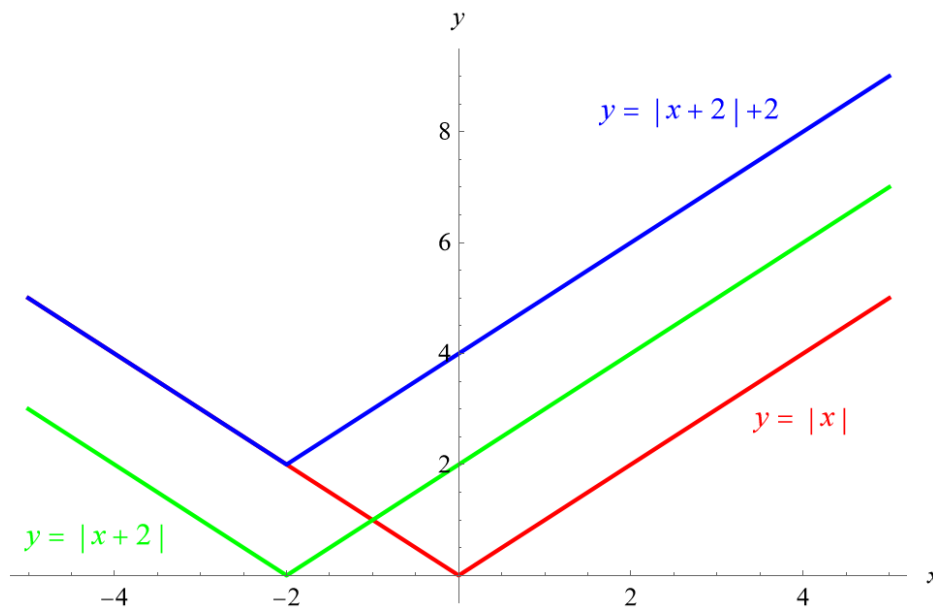
Exercise 36

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 v-shape is characteristic of the absolute value function. Shift it to the left by 2 units and up by 2 units.



$$f(x) = |x + 2| + 2$$