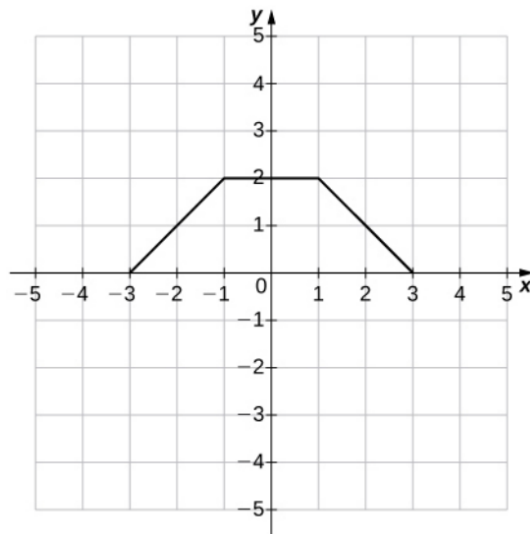## Exercise 93

For the following exercises, use the graph of $y = f(x)$ to graph each transformed function g.

$$g(x) = f(x-1) + 2$$

Solution

Because of the $x - 1$ inside the argument, the entire graph of $y = f(x)$ is shifted to the right by 1 unit. Also, because of the 2 added to $f(x-1)$, the entire graph of $y = f(x-1)$ is shifted up by 2 units.