Exercise 44

For the following exercises, use the graphs of f, shown in Figure 4, and g, shown in Figure 5, to evaluate the expressions.
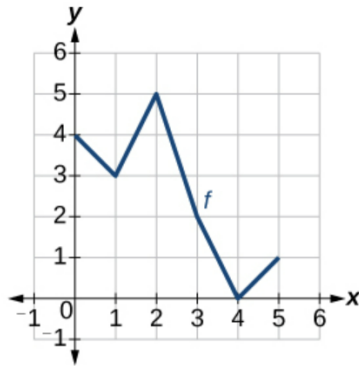

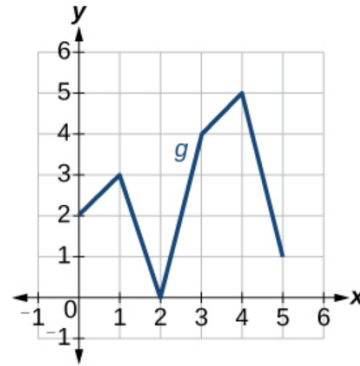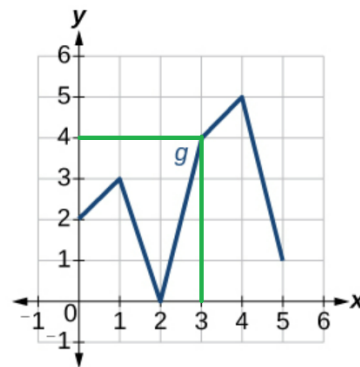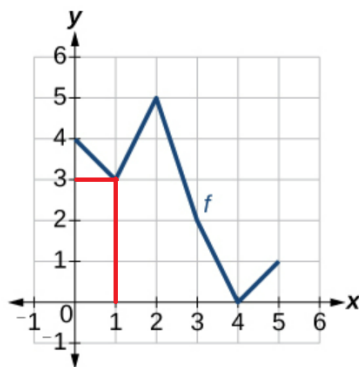Figure 4

Figure 5

$$g(f(1))$$

Solution

Notice from the graphs that $f(1) = 3$ and $g(3) = 4$.

Therefore,

$$g(f(1)) = g(3) = 4.$$