Exercise 45

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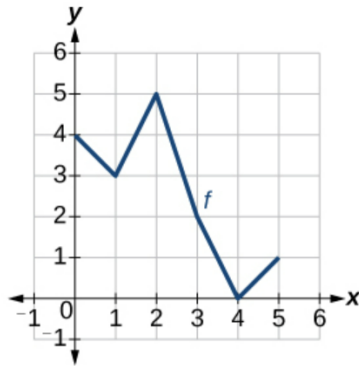

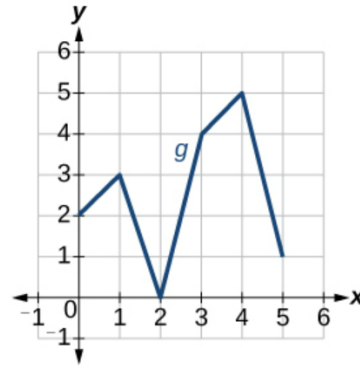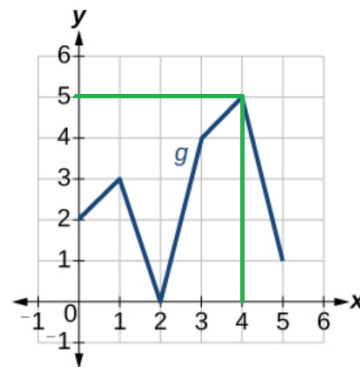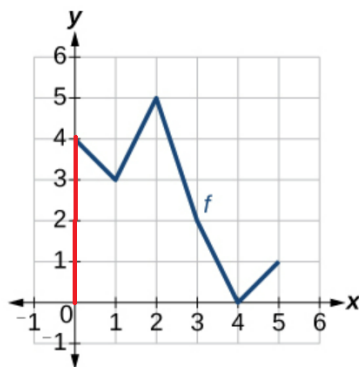Figure 4

Figure 5

$$g(f(0))$$

Solution

Notice from the graphs that $f(0) = 4$ and $g(4) = 5$.

Therefore,

$$g(f(0)) = g(4) = 5.$$