

# Precalculus Sixth Edition

Larson/Hostetler

Name \_\_\_\_\_

Date \_\_\_\_\_

Class \_\_\_\_\_

Instructor \_\_\_\_\_

## 1.6 Exercise 62 (page 67)

Use the graph of  $f$  to sketch the graph of  $g$ .

(a)  $g(x) = f(x) - 5$

(b)  $g(x) = f(x) + \frac{1}{2}$

(c)  $g(x) = f(-x)$

(d)  $g(x) = -4f(x)$

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

(f)  $g(x) = f\left(\frac{1}{4}x\right) - 2$

