

## Written Homework Section 2.5

(Page 114: #70)

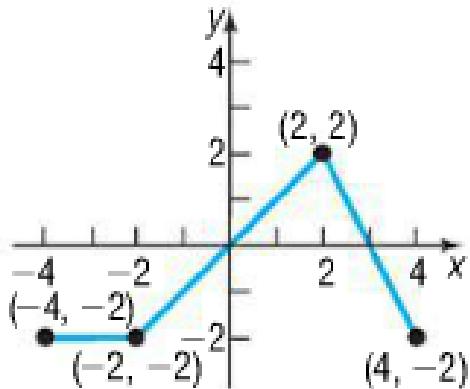
Name: \_\_\_\_\_

Due: \_\_\_\_\_

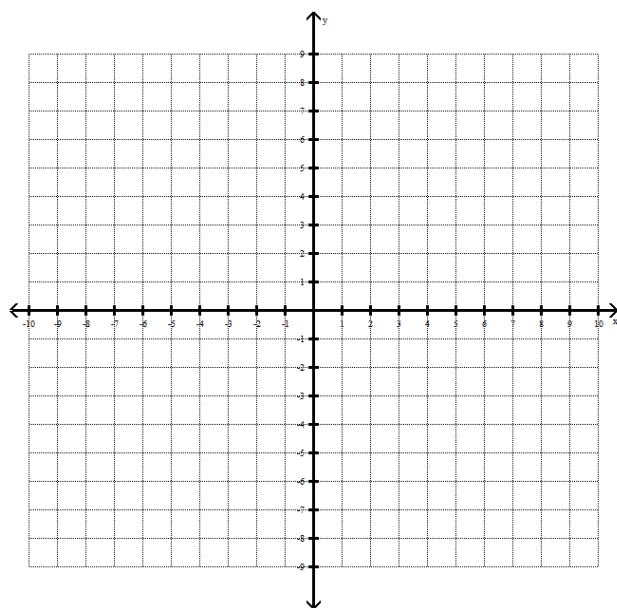
*In Problems 69–72, the graph of a function  $f$  is illustrated. Use the graph of  $f$  as the first step toward graphing each of the following functions:*

$(a) F(x) = f(x) + 3$	$(b) G(x) = f(x + 2)$	$(c) P(x) = -f(x)$	$(d) H(x) = f(x + 1) - 2$
$(e) Q(x) = \frac{1}{2}f(x)$	$(f) g(x) = f(-x)$	$(g) h(x) = f(2x)$	

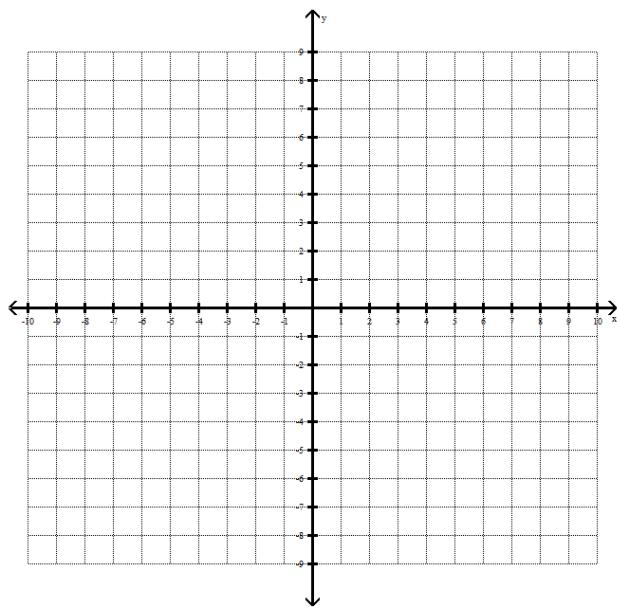
**70.**



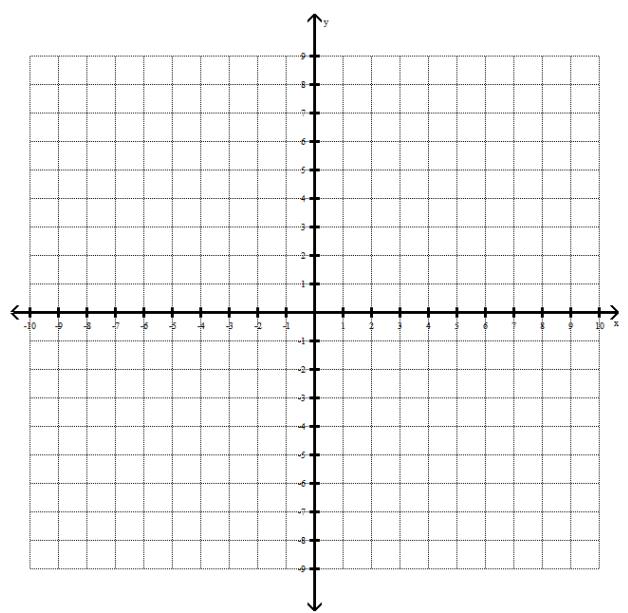
(a)  $F(x) = f(x) + 3$



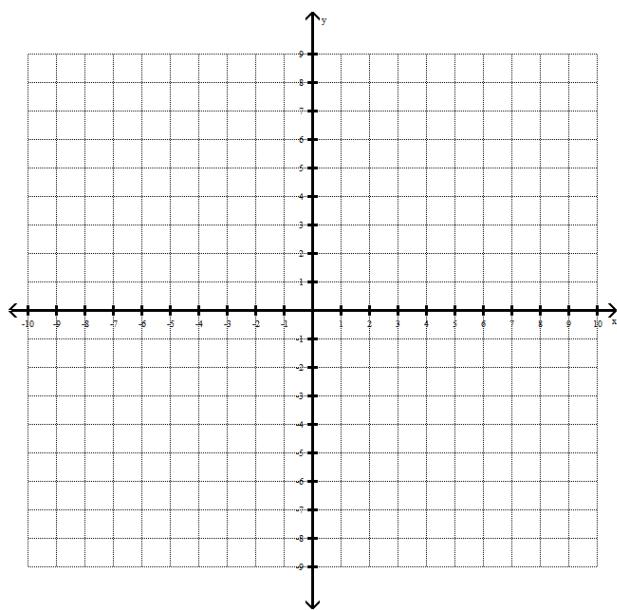
$$(b) \quad G(x) = f(x + 2)$$



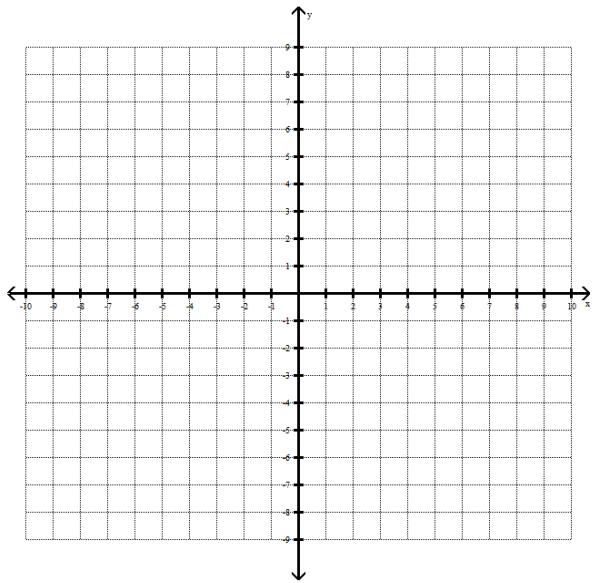
$$(c) \quad P(x) = -f(x)$$



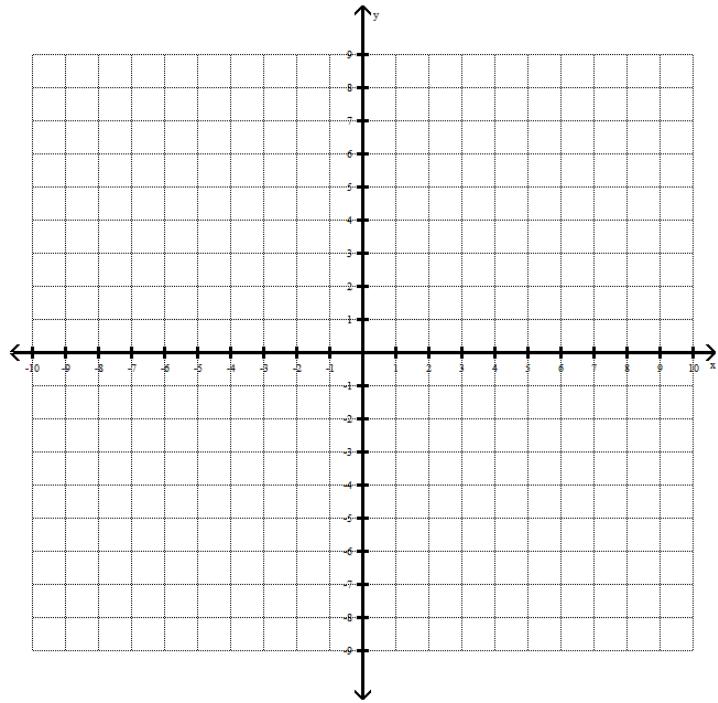
$$(d) \quad H(x) = f(x + 1) - 2$$



$$(e) \quad Q(x) = \frac{1}{2}f(x)$$



$$(f) \quad g(x) = f(-x)$$



$$(g) \quad h(x) = f(2x)$$

