

Written Homework Section 2.5

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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) $P(x) = -f(x)$

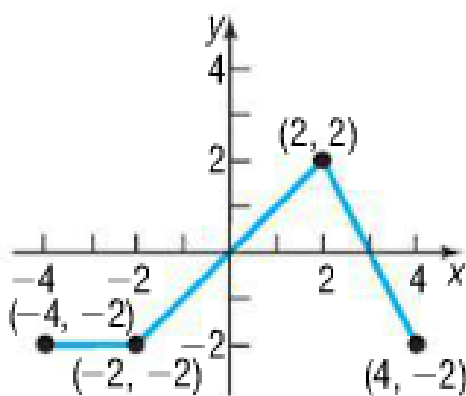
(d) $H(x) = f(x + 1) - 2$

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

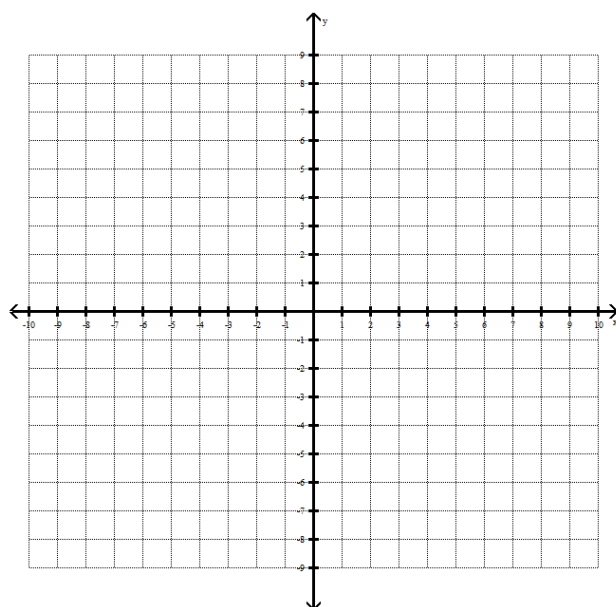
(f) $g(x) = f(-x)$

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

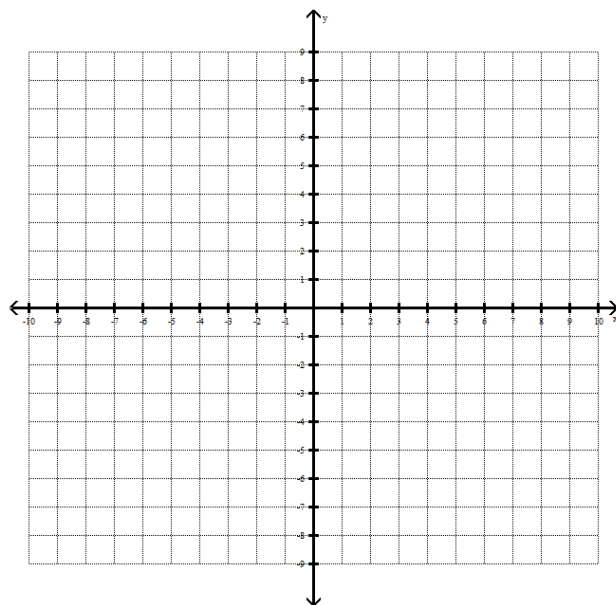
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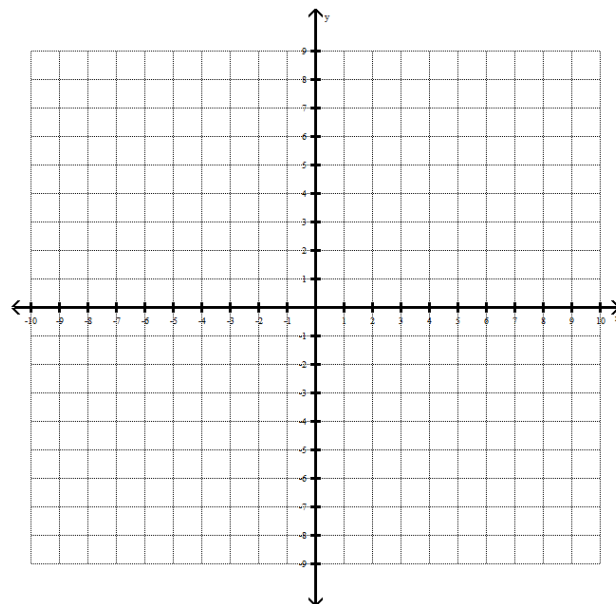
(a) $F(x) = f(x) + 3$



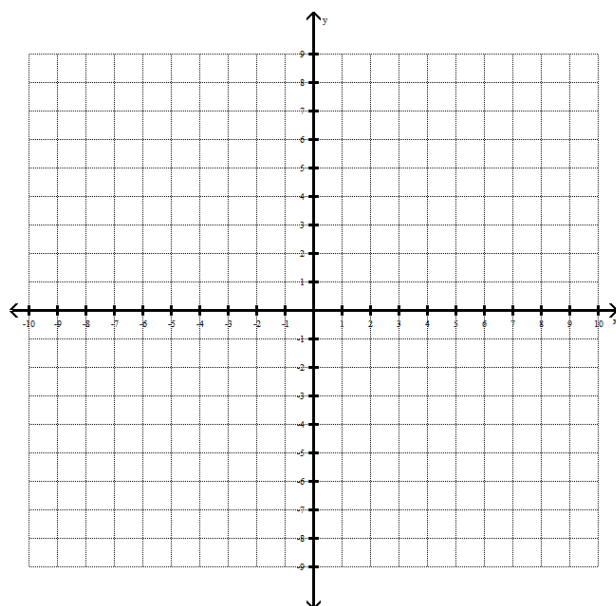
$$(b) \quad G(x) = f(x + 2)$$



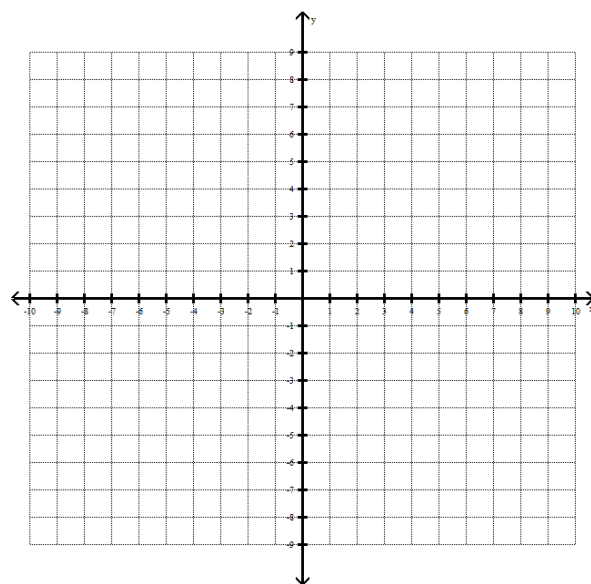
$$(c) \quad P(x) = -f(x)$$



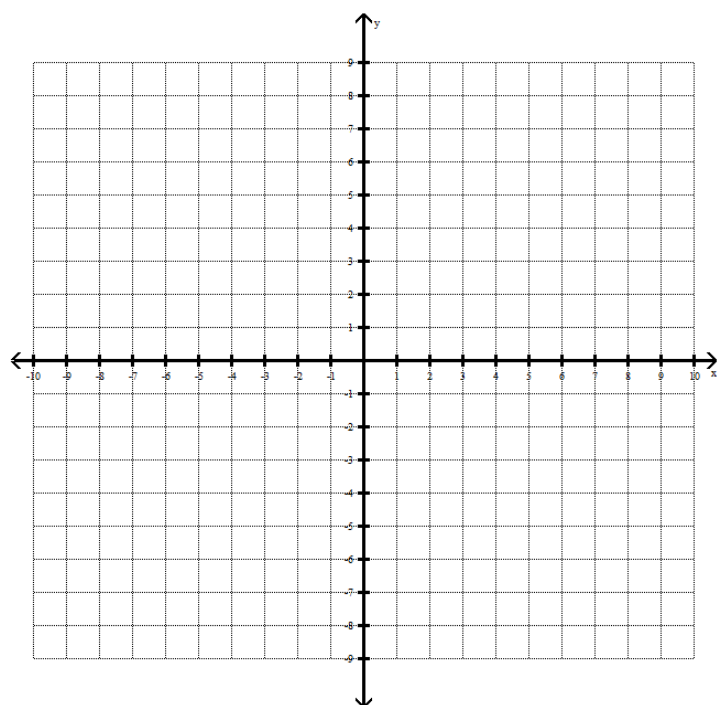
$$(d) \quad H(x) = f(x + 1) - 2$$



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



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



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

