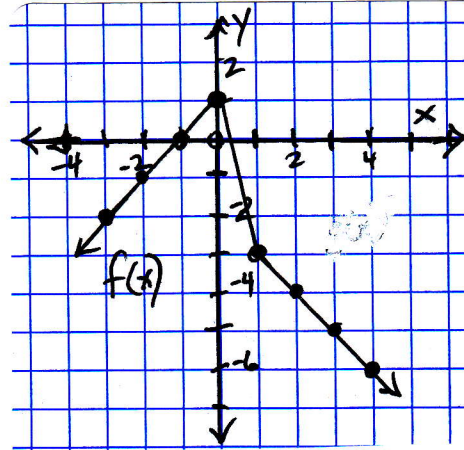
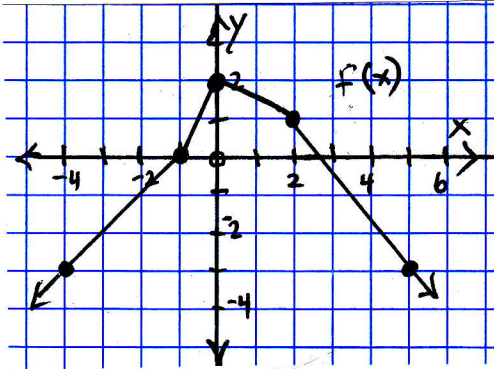


Worksheet #10

1) For each, use the given graph to find the function values:

a)  $f(-4)$ ,  $f(-1)$ ,  $f(0)$ ,  $f(2)$ ,  $f(5)$

b)  $f(-3)$ ,  $f(0)$ ,  $f(1)$ ,  $f(4)$



2) Find the values for  $g(-3)$ ,  $g(-1)$ ,  $g(0)$ ,  $g(2)$ ,  $g(6)$  for:

a)  $g(x) = 7x - 11$

b)  $g(x) = -x^2 + 3x + 8$

3) Find the values for  $h(-4)$ ,  $h(-2)$ ,  $h(0)$ ,  $h(2)$ ,  $h(4)$  for:

a) 
$$h(x) = \begin{cases} -2x + 5, & x \leq 2 \\ \sqrt{x+1}, & x > 2 \end{cases}$$

b) 
$$h(x) = \begin{cases} x^2 - 3x + 4, & x < 0 \\ |x+3|, & x \geq 0 \end{cases}$$

4) Graph:  $f(x) = \lfloor 3x \rfloor$

