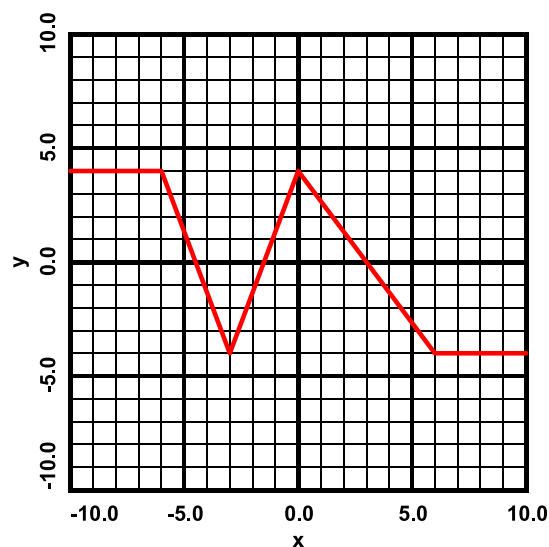


PRE-AP ALGEBRA 2

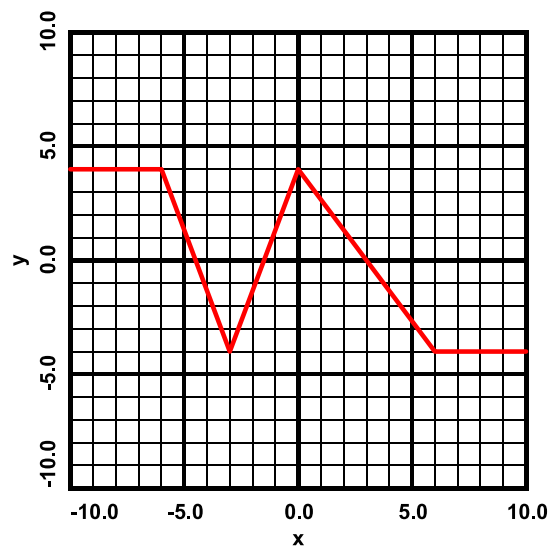
For problems 1 through 3, given the graph of  $y = f(x)$ , graph the indicated function  $y = g(x)$ .

1)  $g(x) = f(x - 2) - 5$



2)  $g(x) = 2f(x - 3) + 1$

*Hint:* first graph  $y = 2f(x)$  then translate.



2A.7 CLASSWORK

3)  $g(x) = f(3x + 2) - 3$

*Hint:* first graph  $y = f(3x)$  then translate.

