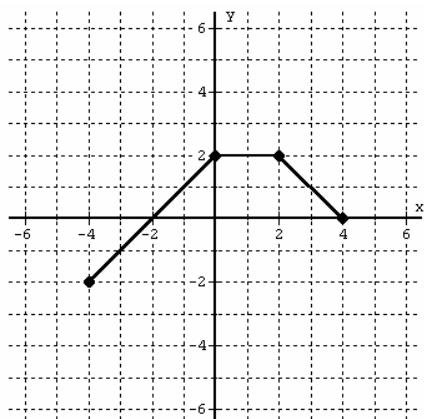
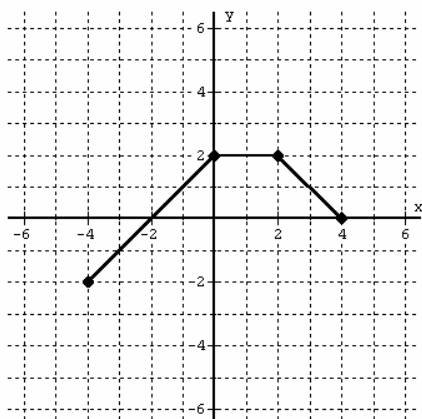


Graphing Transformations Worksheet 3

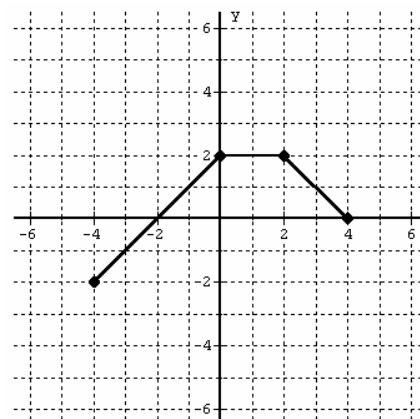
The graph of $y = f(x)$ is included on each grid below. Use its graph to graph the following functions:



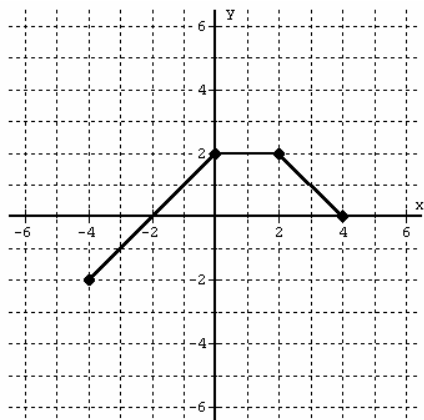
1) $F(x) = f(x) + 3$



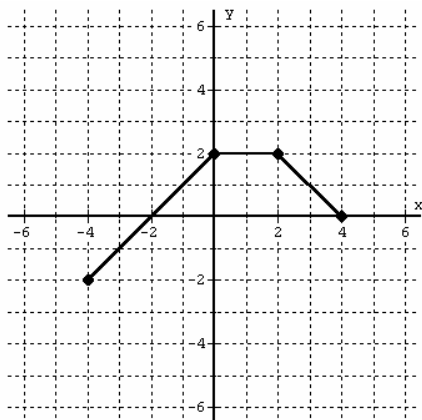
2) $G(x) = f(x + 2)$



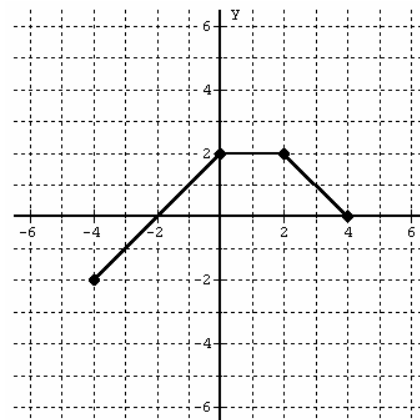
3) $P(x) = -f(x)$



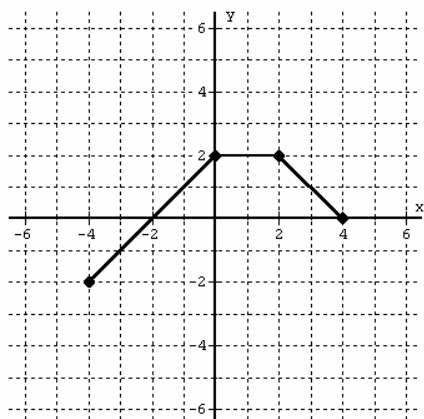
4) $G(x) = f(x - 1)$



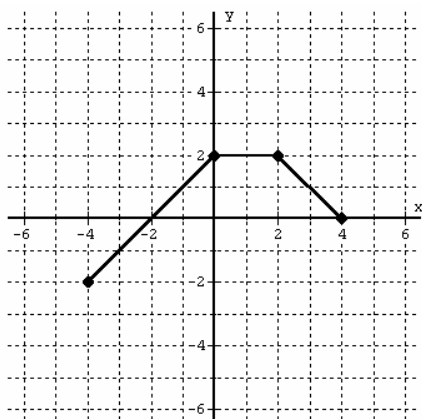
5) $H(x) = 2f(x)$



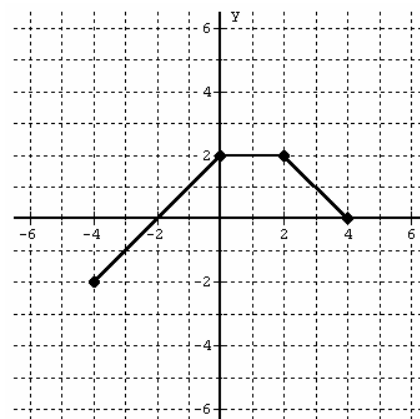
6) $F(x) = f(x) - 4$



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



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



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