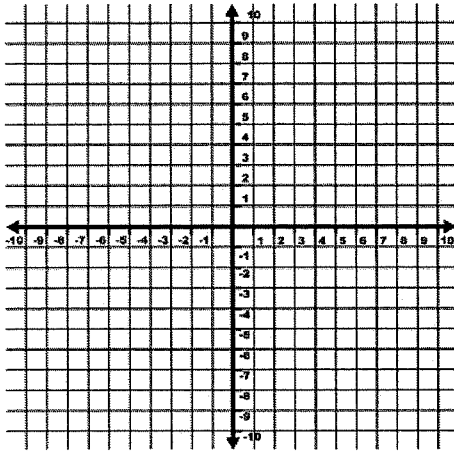


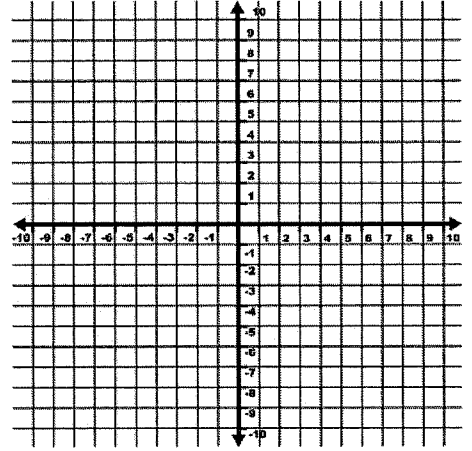
AA PREP: GRAPHING WITH TRANSFORMATIONS—WORKSHEET #1

Graph each of the following functions using transformations.

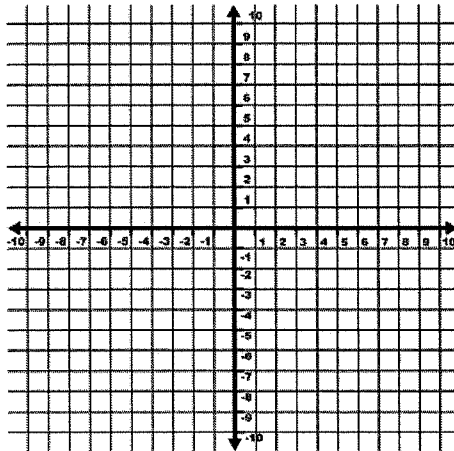
1. $f(x) = -(x+4)^2 + 1$



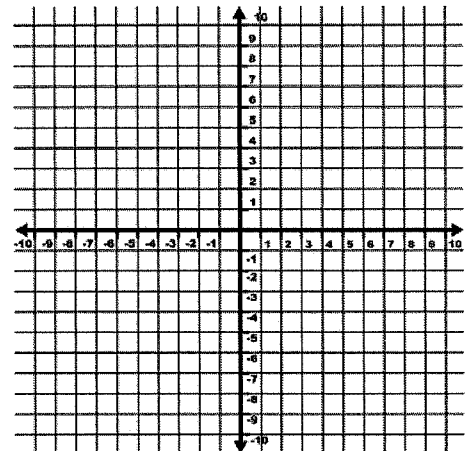
2. $g(x) = \frac{1}{2}|x-5|$



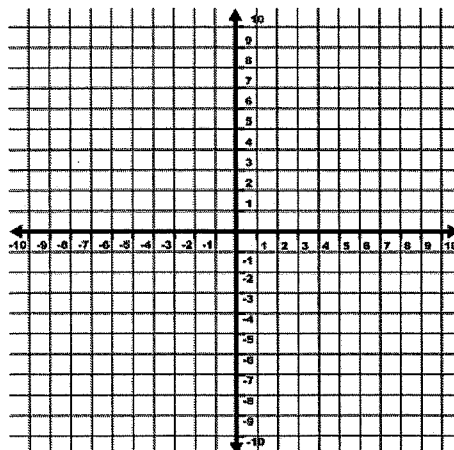
3. $y = 2\sqrt{x+1} - 3$



4. $f(x) = 2^{x-1} + 3$



5. $y = -x^3 + 2$



6. $g(x) = \frac{1}{x+5} - 2$

