



Activity 2.7

For each of the following functions, complete the chart shown below and construct a graph.

1. $f(x) = 2\left[\frac{1}{2}(x-1)\right] - 2$	2. $f(x) = -2\left[\frac{1}{2}(x+1)\right] + 2$
3. $f(x) = \left[-\frac{1}{3}(x-1)\right] + 3$	4. $f(x) = -2[-(x-2)] + 1$
5. $f(x) = 2[-3(x-1)] + 4$	6. $f(x) = 1.5[2(x-0.5)] + 1$
7. $f(x) = 10[-0.1(x-20)] - 5$	8. $f(x) = -[-4(x+0.5)] + 2$

Parameters	Geometric Transformation	Important additional Information
a =		
b =		
h =		
k =		
(h, k)	X	
a x b =	X	