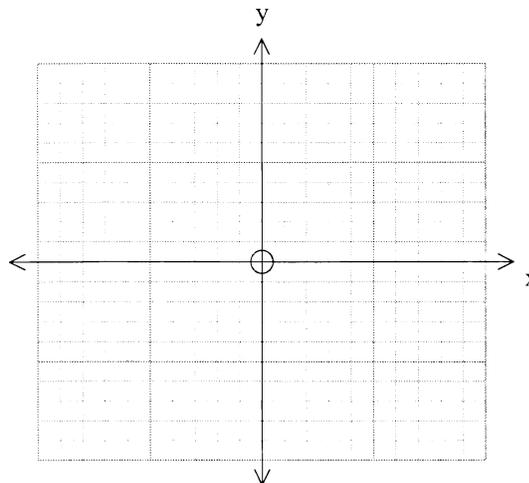
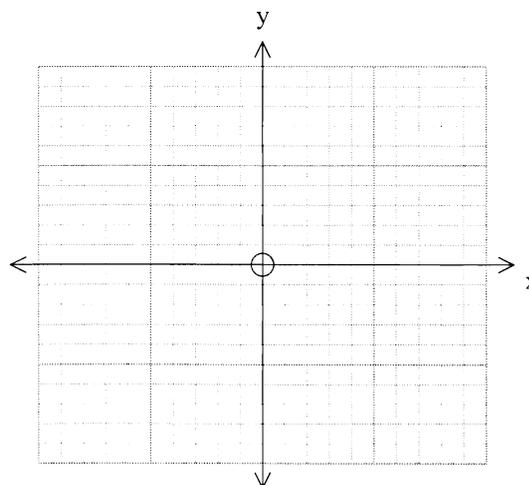


A. Graph each of the following functions:

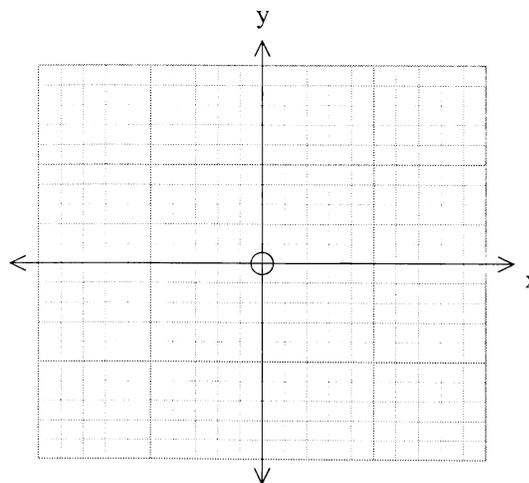
1) $f(x) = -[2(x+1)] - 3$



2) $f(x) = 3\left[-\frac{1}{4}(x+1)\right] - 3$



3. $f(x) = -3[-2x - 4] - \frac{1}{2}$



B. Determine the range and the zeros of each of the functions in Part A.

1) _____

2) _____

3) _____

C. Solve each of the following equations:

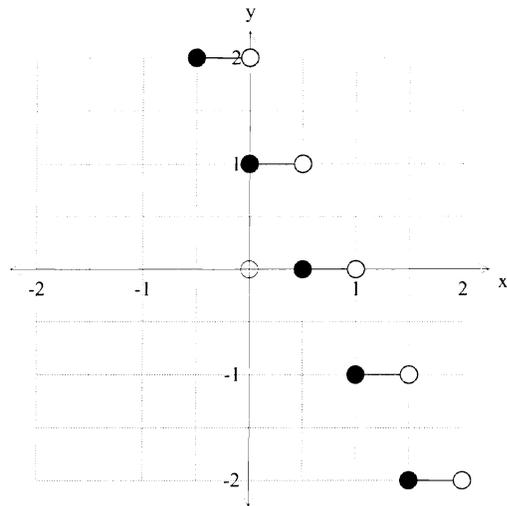
1) $-[2(x+1)]-3 = -9$

2) $3\left[-\frac{1}{4}(x+1)\right]-3 = 24$

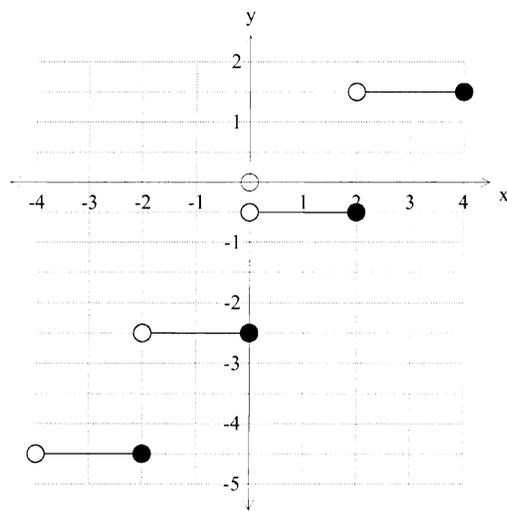
3) $-3[-2x-4]-\frac{1}{2} = \frac{5}{2}$

D. Given each of the following graphs, find a rule:

1)



2)



3)

