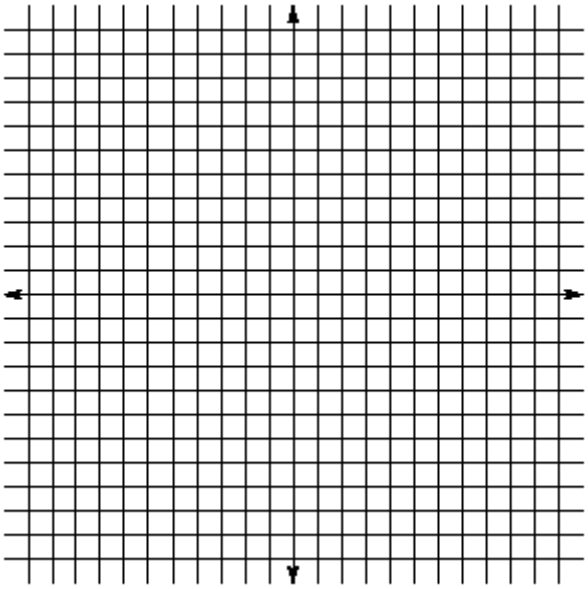
1. $f(x)=\begin{cases} x+1, & x>0 \\ x-1, & x<0 \end{cases}$



Domain: _____

Range: _____

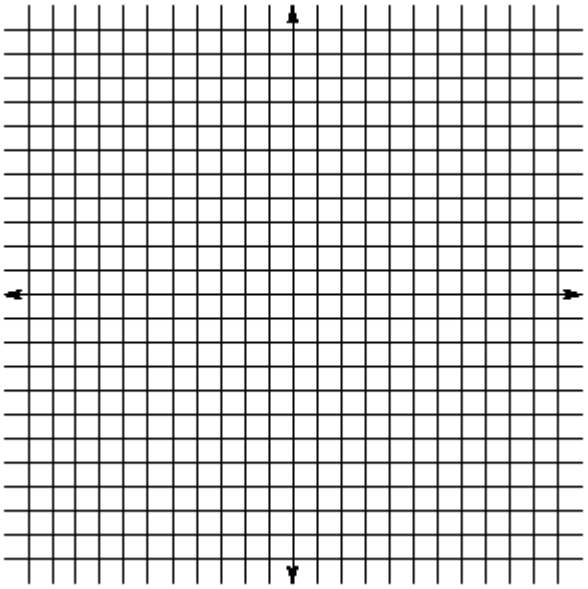
Inc/Dec: _____

End Behavior: _____

Continuity: _____

Roots: _____

2. $f(x)=\begin{cases} 1, & x>0 \\ 0, & x=0 \\ -1, & x<0 \end{cases}$



Domain: _____

Range: _____

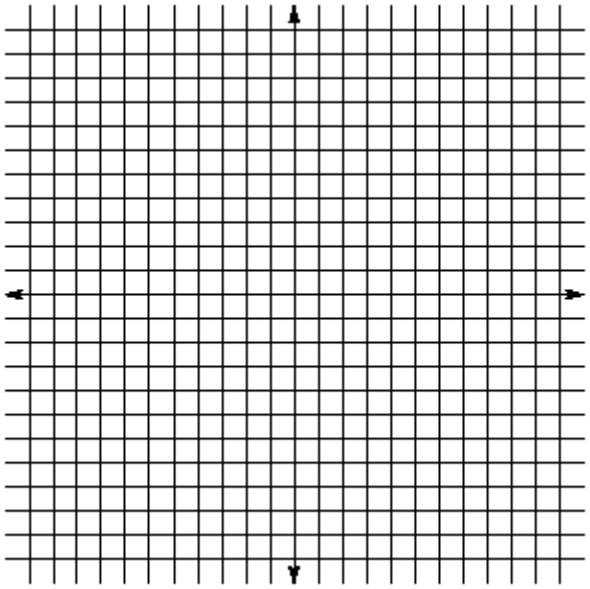
Inc/Dec: _____

End Behavior: _____

Continuity: _____

Roots: _____

3. $f(x) = \begin{cases} x^3, & x \le 0 \\ x, & x > 0 \end{cases}$



Domain: _____

Range: _____

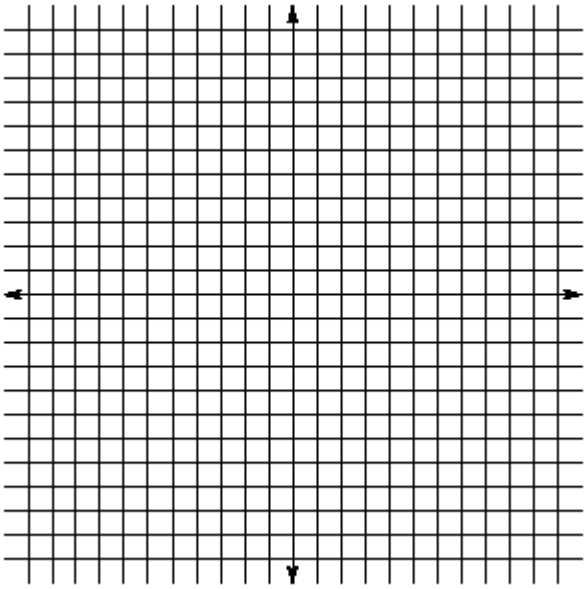
Inc/Dec: _____

End Behavior: _____

Continuity: _____

Roots: _____

4. $f(x) = \begin{cases} x + 2, & x > 1 \\ 3, & x \le 1 \end{cases}$



Domain: _____

Range: _____

Inc/Dec: _____

End Behavior: _____

Continuity: _____

Roots: _____