You need a pencil and an eraser for today's notes!

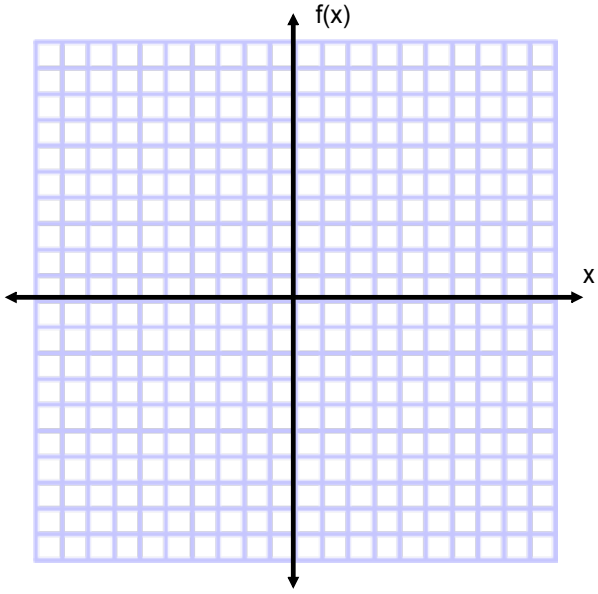
4.3 B – Graphing Piecewise Functions

Steps to graphing Piecewise functions

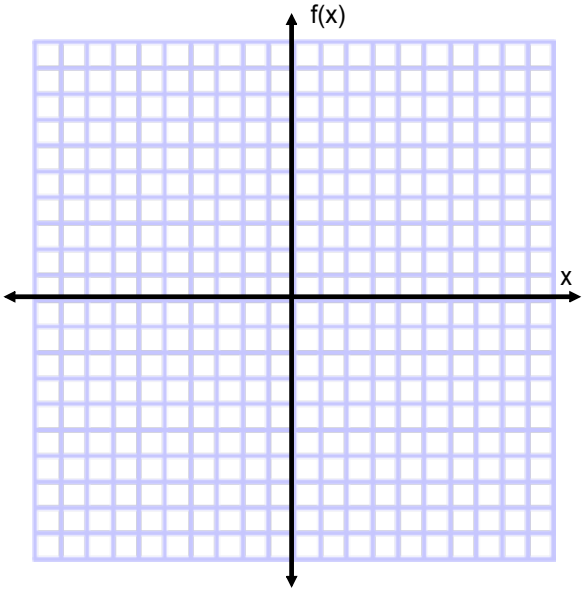
1) Graph the 1st function.
   Make open or closed circles
   Erase the part if the graph not included in the given domain.

2) Repeat step 1 for all other functions.

4.3B - Graphing Piecewise functions



$$f(x) = \begin{cases} 3x - 4 & \text{if } x > 2 \\ -x - 3 & \text{if } x \geq -2 \end{cases}$$



$$f(x) = \begin{cases} \frac{3}{2}x - 4 & \text{if } x \geq 4 \\ -x & \text{if } x < -2 \end{cases}$$