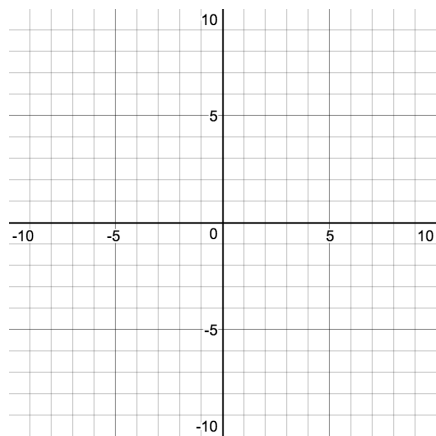


Directions: Work individually in pencil until time is called. Then discuss with your nearest neighbor and make corrections in pen. Each person should show their work and turn in their paper. Any work done on the calculator should be indicated with a quick sketch or a description of the process used.

1. Graph the following function:

$$f(x) = \begin{cases} x + 3 & \text{if } x \leq -1 \\ 4 & \text{if } x > -1 \end{cases}$$



2. Determine an equation for the following piecewise function:

