1. Match the following equations to their respective graphs. Justify your answer in the space below (or on a separate sheet of paper stapled to this worksheet). **Be sure to show your work.**

$f(x) = \frac{3}{4}x - 5$ _____ $f(x) = \frac{3x-10}{2}$ _____ $f(x) = -3x - 5$ _____