

Name: \_\_\_\_\_ Period: \_\_\_\_\_ Number: \_\_\_\_\_

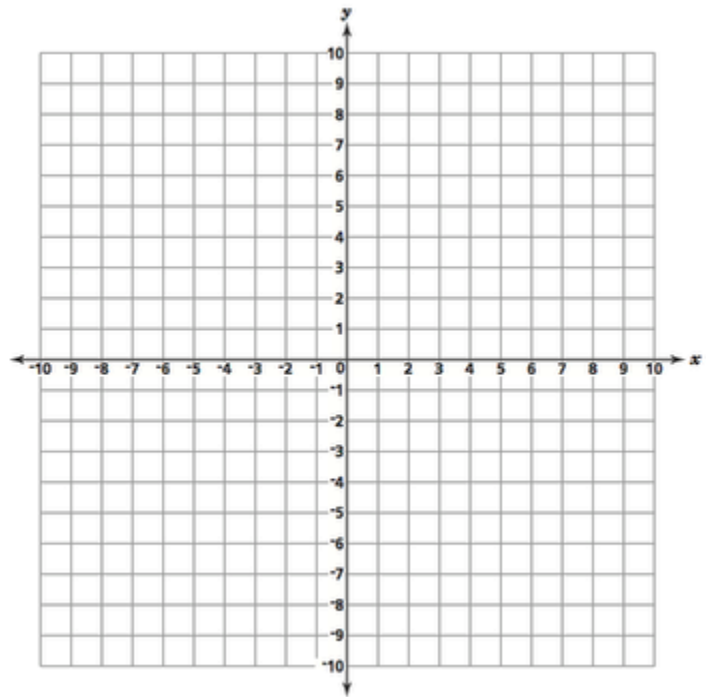
### 3.2/3.3a Notes – Writing Linear Equations with 2 points

Write a linear equation that has a slope less than 0 but greater than -1. Have the y-intercept be at 5.

\_\_\_\_\_

Write the equation for the line that goes through the points (1, 4) and (5, 8).

Why would I give you a graph to help you???  
What help can a graph be?



EQUATION: \_\_\_\_\_

Ex #1: Write the equation for the linear function that goes through the following points.

through:  $(-4, 1)$  and  $(2, 1)$

Ex #2: Write the equation for the linear function that goes through the following points.

through:  $(0, 4)$  and  $(-5, -2)$

Ex #3: Write the equation for the linear function that goes through the following points.

through:  $(-3, 3)$  and  $(0, -1)$

Ex #4: You pick two points and write them down. Write the equation that goes through your points. All four numbers have to be different and at least 1 number has to be negative. Then when you're done, write your equation in standard form. Go show Mendy.