

For each equation:

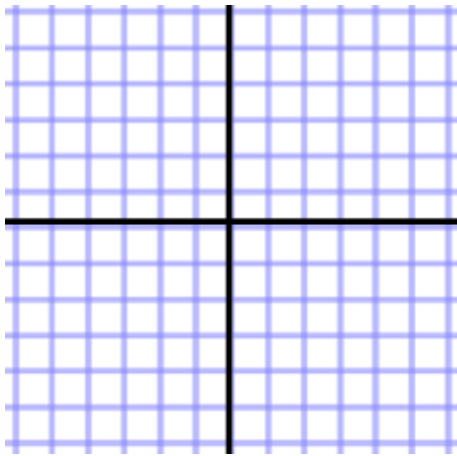
Step 1: Graph it on the graphing calculator.

Step 2: Sketch it on the graph - be sure that your drawing is the same as the calculators pic.

Step 3: Find the slope.

Step 4: Find the y-intercept.

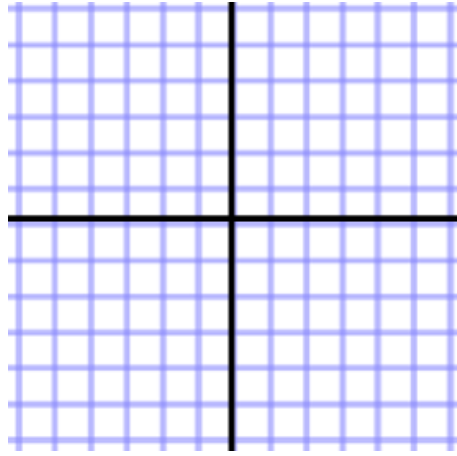
a) $y = 1x$



Slope = _____

y-intercept = _____

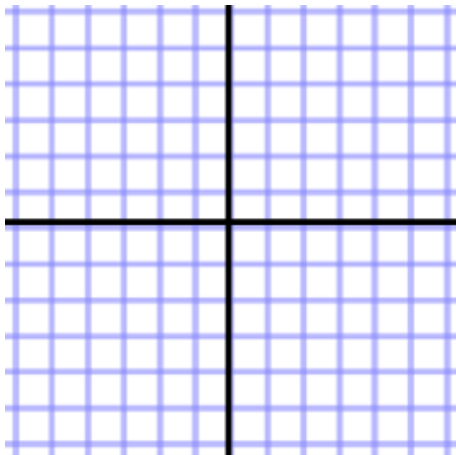
b) $y = 2x$



Slope = _____

y-intercept = _____

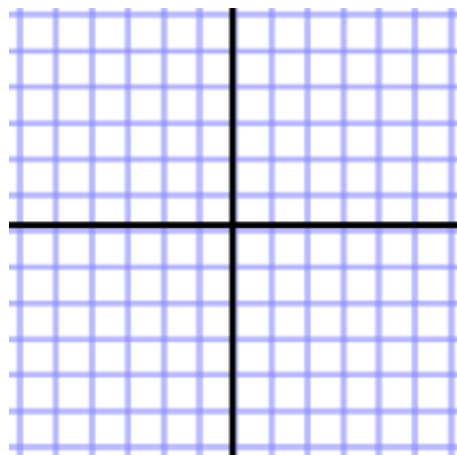
c) $y = 3x$



Slope = _____

y-intercept = _____

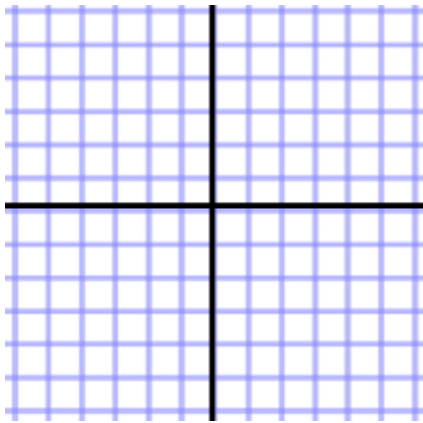
d) $y = 4x$



Slope = _____

y-intercept = _____

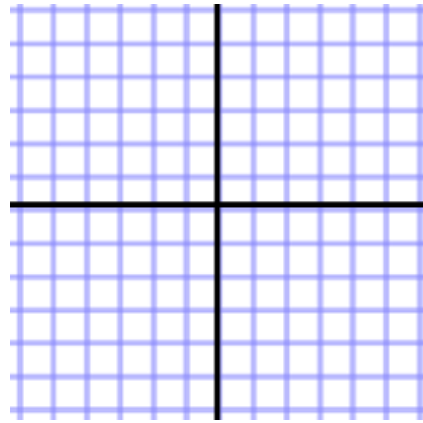
e) $y = 1x + 1$



Slope = _____

y-intercept = _____

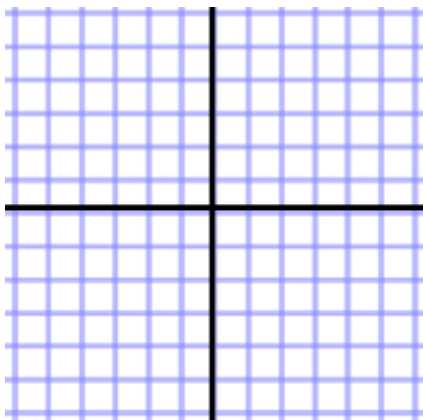
f) $y = 1x + 2$



Slope = _____

y-intercept = _____

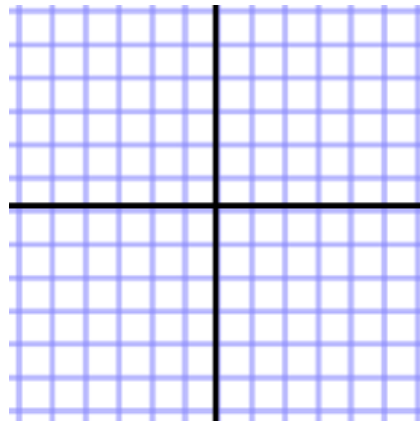
g) $y = 1x - 3$



Slope = _____

y-intercept = _____

h) $y = 1x - 4$



Slope = _____

y-intercept = _____

Fill in the blanks:

(You may use what you have learned or use the graphing calculator to find the answers.)

i) In the equation $y = 5x - 4$,
the slope of the line is = _____
the y-intercept of the line is = _____

j) In the equation $y = 2x + 3$,
the slope of the line is = _____
the y-intercept of the line is = _____

For each equation:

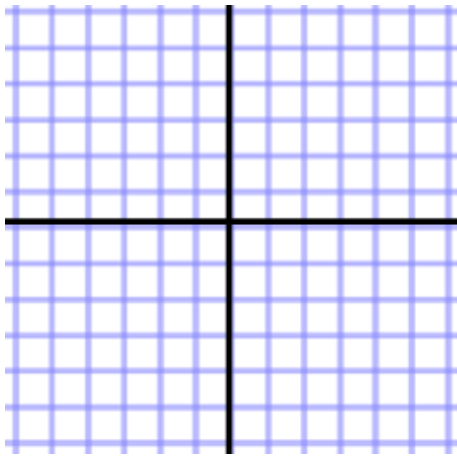
Step 1: Graph it on the graphing calculator.

Step 2: Sketch it on the graph - be sure that your drawing is the same as the calculators pic.

Step 3: Find the slope.

Step 4: Find the y-intercept.

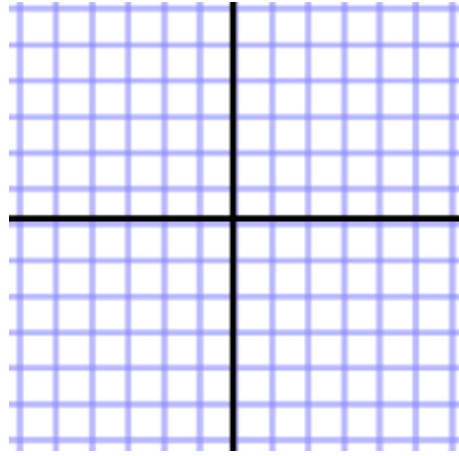
k) $y = -1x$



Slope = _____

y-intercept = _____

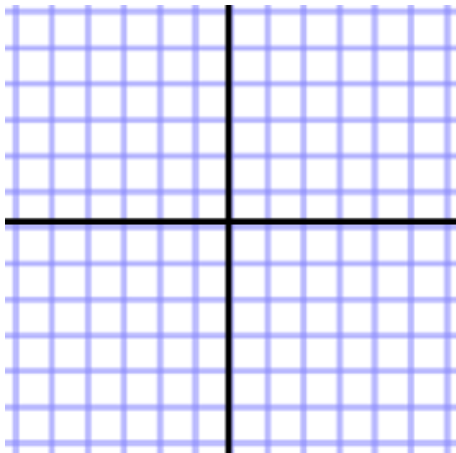
l) $y = -2x$



Slope = _____

y-intercept = _____

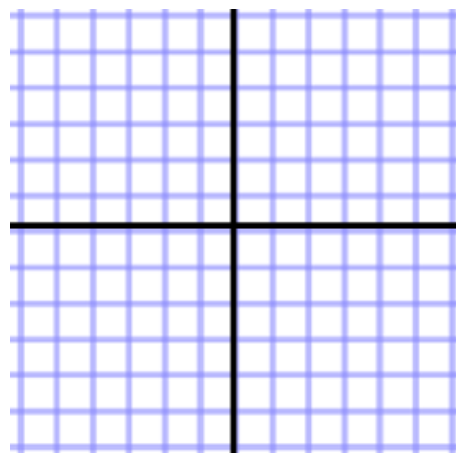
m) $y = -3x$



Slope = _____

y-intercept = _____

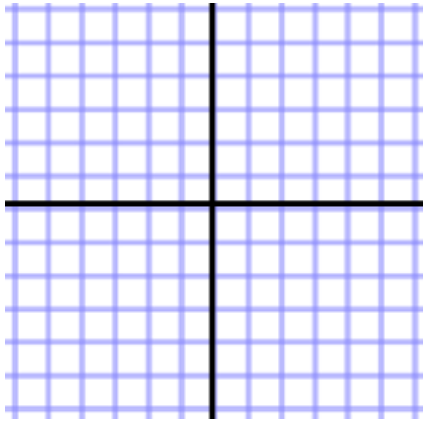
n) $y = -4x$



Slope = _____

y-intercept = _____

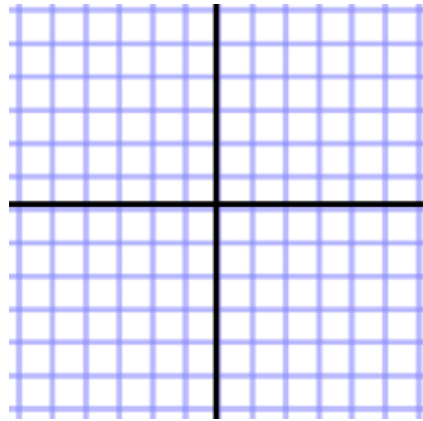
o) $y = -1x + 1$



Slope = _____

y-intercept = _____

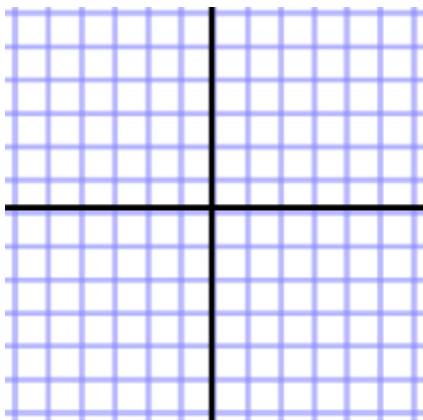
p) $y = -1x + 2$



Slope = _____

y-intercept = _____

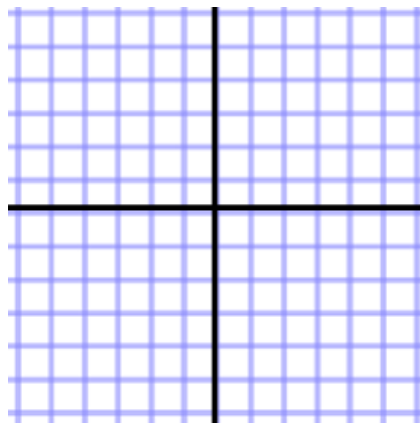
q) $y = -1x - 3$



Slope = _____

y-intercept = _____

r) $y = -1x - 4$



Slope = _____

y-intercept = _____

Fill in the blanks:

(You may use what you have learned or use the graphing calculator to find the answers.)

s) In the equation $y = -5x - 4$,
the slope of the line is = _____
the y-intercept of the line is = _____

t) In the equation $y = -2x + 3$,
the slope of the line is = _____
the y-intercept of the line is = _____