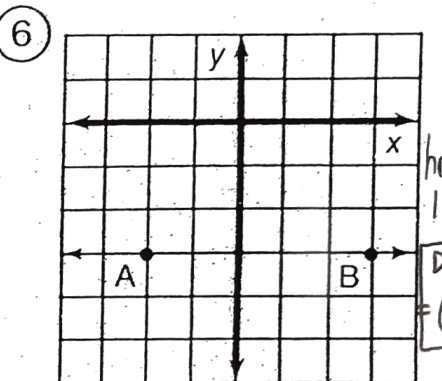
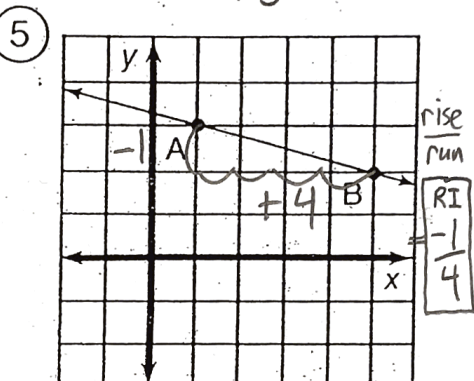
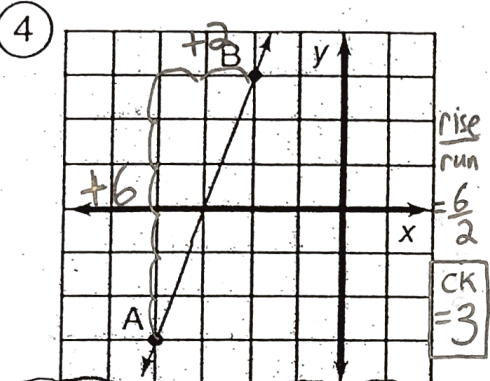
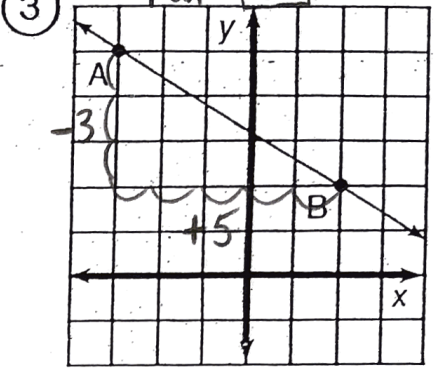
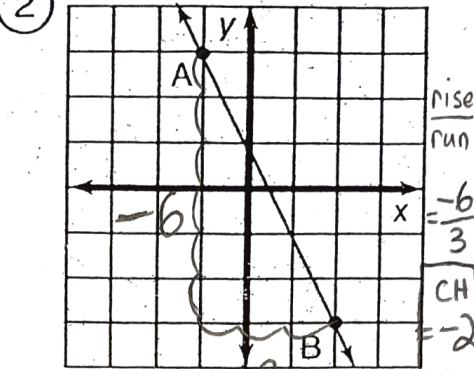
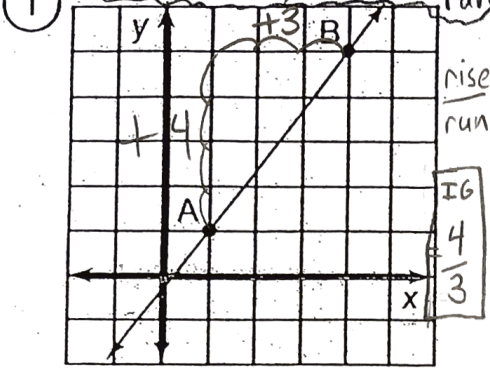


What Do You Call a Duck That Steals?

For the first six exercises, find the slope of the line \overline{AB} . For the remaining exercises, find the slope of the line that passes through the two given points. Cross out each box in the rectangle below that contains a correct answer. When you finish, print the letters from the remaining boxes in the spaces at the bottom of the page.

For #1-6, use $m = \frac{\text{rise}}{\text{run}}$



For #7-18, use $m = \frac{y_2 - y_1}{x_2 - x_1}$... you may need scrap paper.

- 7) $(2, 1); (5, 3)$ $\frac{3-1}{5-2} = \frac{2}{3}$
- 8) $(8, 3); (2, 5)$ $\frac{5-3}{2-8} = -\frac{2}{6} = -\frac{1}{3}$
- 9) $(1, -4); (6, -2)$ $\frac{-2-(-4)}{6-1} = \frac{2}{5}$
- 10) $(-3, 1); (-7, 4)$ $\frac{4-1}{-7-(-3)} = \frac{3}{-4} = -\frac{3}{4}$

- 11) $(9, 2); (3, -1)$ $\frac{-1-2}{3-9} = \frac{-3}{-6} = \frac{1}{2}$
- 12) $(-5, 8); (-4, 2)$ $\frac{2-8}{-4-(-5)} = \frac{-6}{-1} = 6$
- 13) $(0, -1); (4, -7)$ $\frac{-7-(-1)}{4-0} = \frac{-6}{4} = -\frac{3}{2}$
- 14) $(1, -1); (-2, -6)$ $\frac{-6-(-1)}{-2-1} = \frac{-5}{-3} = \frac{5}{3}$

- 15) $(-4, -8); (-2, 0)$ $\frac{0-(-8)}{-2-(-4)} = \frac{8}{-2} = -4$
- 16) $(-3, -3); (0, 0)$ $\frac{0-(-3)}{0-(-3)} = \frac{3}{-3} = -1$
- 17) $(2, 5); (9, 1)$ $\frac{1-5}{9-2} = \frac{-4}{7}$
- 18) $(0, 0); (-2, 7)$ $\frac{7-0}{-2-0} = \frac{7}{-2} = -\frac{7}{2}$

DU 0	AB -6	CK $-\frac{3}{5}$	ST $-\frac{4}{7}$	AR 9	IG $\frac{1}{2}$	AT $-\frac{7}{2}$	OB $-\frac{7}{6}$	IG $\frac{4}{3}$	ET $\frac{2}{3}$	BE $-\frac{5}{4}$	ST $\frac{5}{3}$
CA $\frac{2}{5}$	RD $\frac{1}{6}$	RT $-\frac{1}{4}$	CH -2	UC -8	RT $-\frac{3}{2}$	ME 1	AQ $-\frac{1}{3}$	JA $-\frac{3}{4}$	KY $\frac{8}{5}$	ET 4	CK 3

A R O B B E R D U C K Y

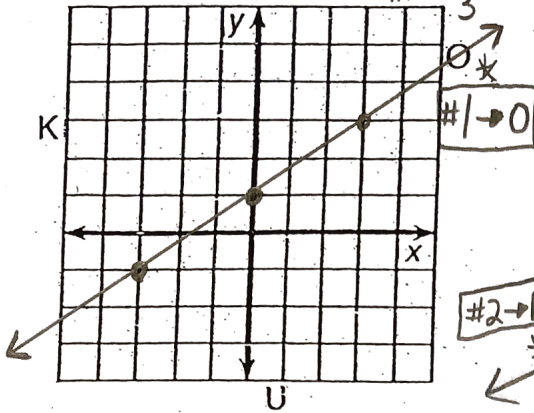
hahahaha!

What Should You See at the Bank If You Need To Borrow Money?

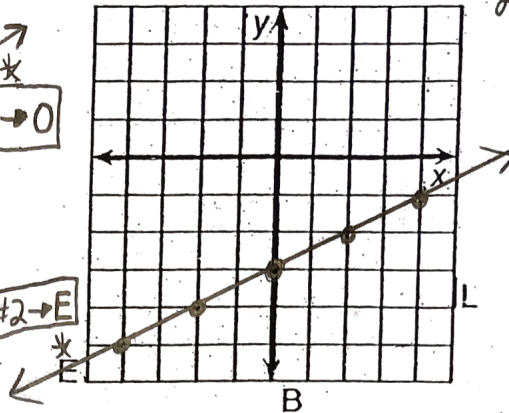
KEY

Use the slope and y-intercept to graph each equation below. The graph, if extended, will cross a letter. Print this letter in each box that contains the number of that exercise.

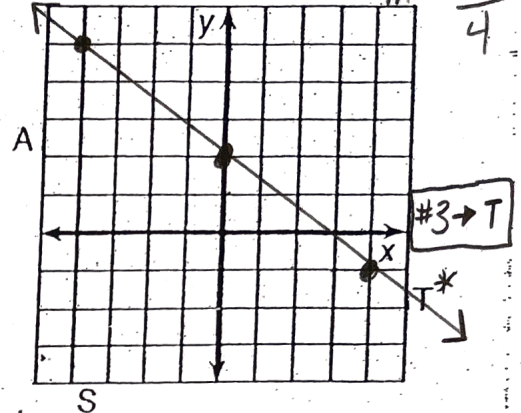
① $y = \frac{2}{3}x + 1$ $y\text{-int} = 1$
 $m = \frac{2}{3}$



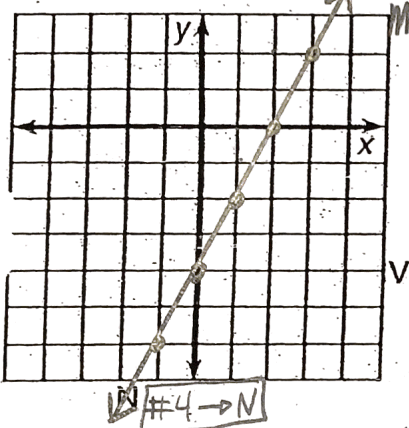
② $y = \frac{1}{2}x - 3$ $y\text{-int} = -3$
 $m = \frac{1}{2}$



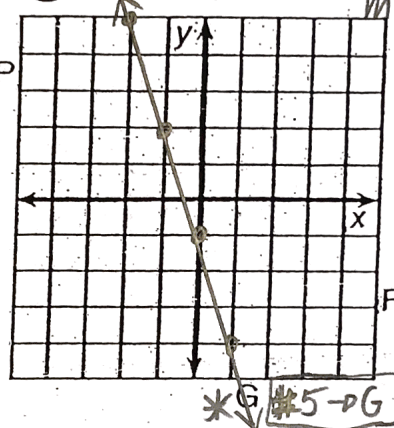
③ $y = -\frac{3}{4}x + 2$ $y\text{-int} = 2$
 $m = -\frac{3}{4}$



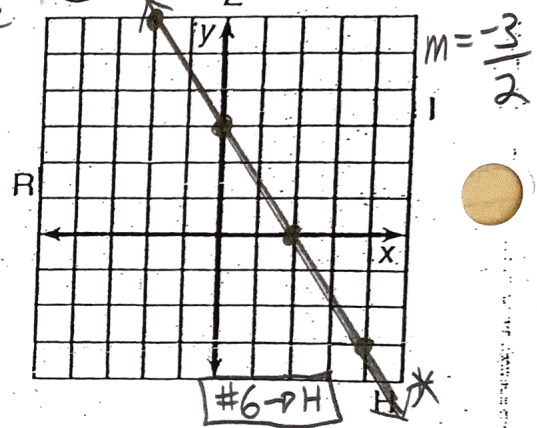
④ $y = 2x - 4$ $y\text{-int} = -4$
 $m = \frac{2}{1}$



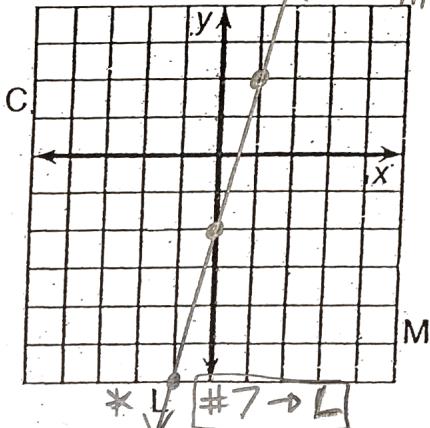
⑤ $y = -3x - 1$ $y\text{-int} = -1$
 $m = -\frac{3}{1}$



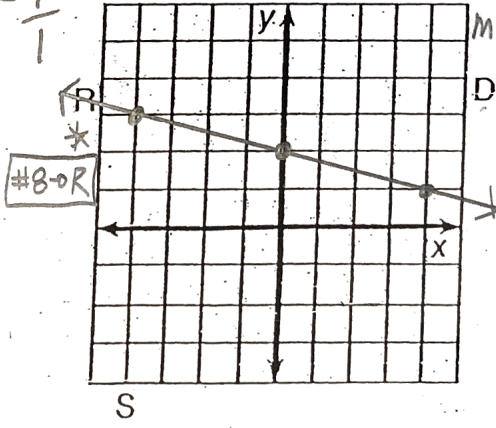
⑥ $y = -\frac{3}{2}x + 3$ $y\text{-int} = 3$
 $m = -\frac{3}{2}$



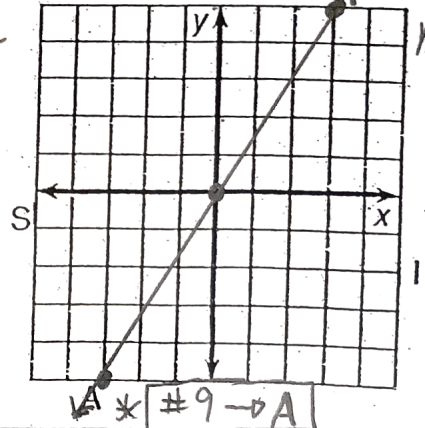
⑦ $y = 4x - 2$ $y\text{-int} = -2$
 $m = \frac{4}{1}$



⑧ $y = -\frac{1}{4}x + 2$ $y\text{-int} = 2$
 $m = -\frac{1}{4}$



⑨ $y = \frac{5}{3}x + 0$ $y\text{-int} = 0$
 $m = \frac{5}{3}$



3 6 2 7 1 9 4 9 8 8 9 4 5 2 8
T H E L O A N A R R A N G E R