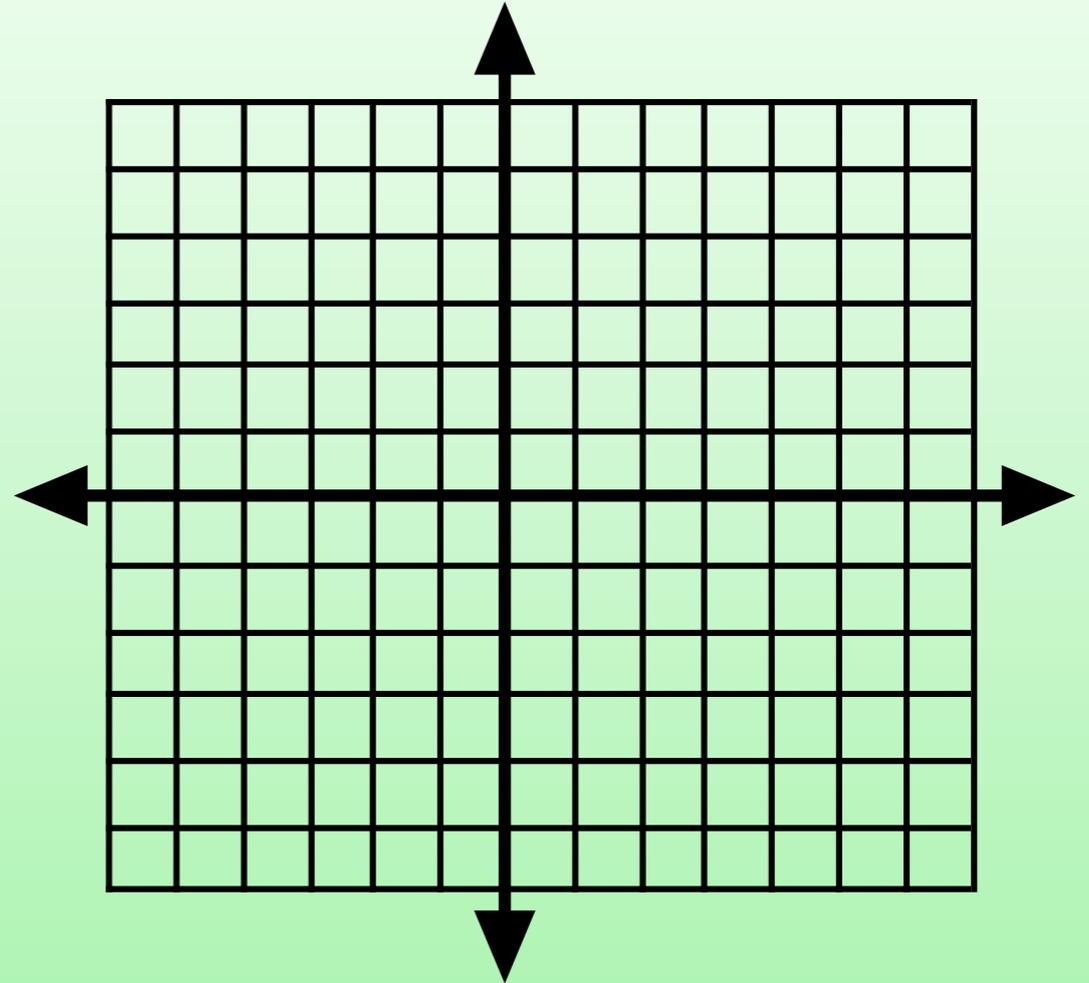


Day 35

1. Opener

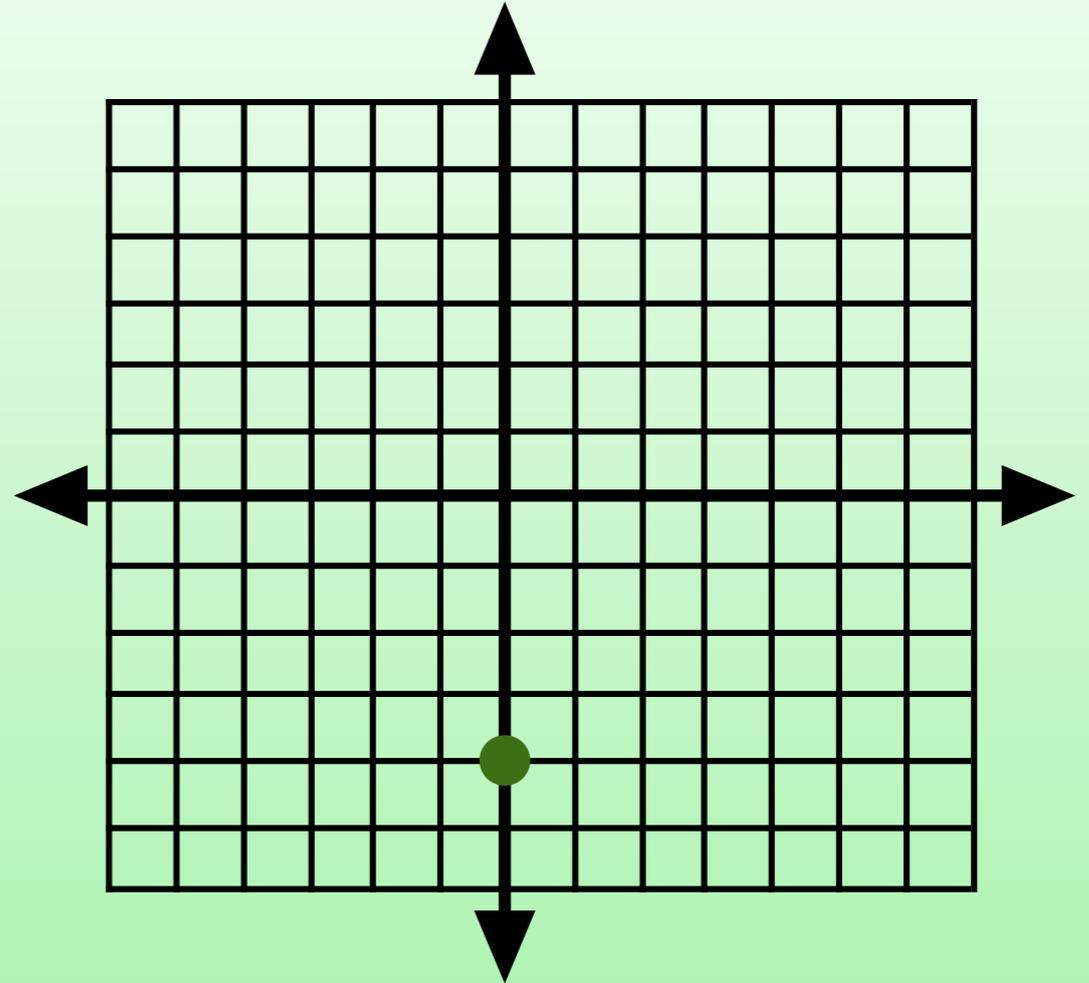
- a) What is the equation of this line?
What is the slope?
What is the y-intercept?
What is the x-intercept?
- b) What is the equation of the line that goes through $(8, 1)$ and has slope of -2 .
- c) What large US city is most often misspelled?



Day 35

1. Opener

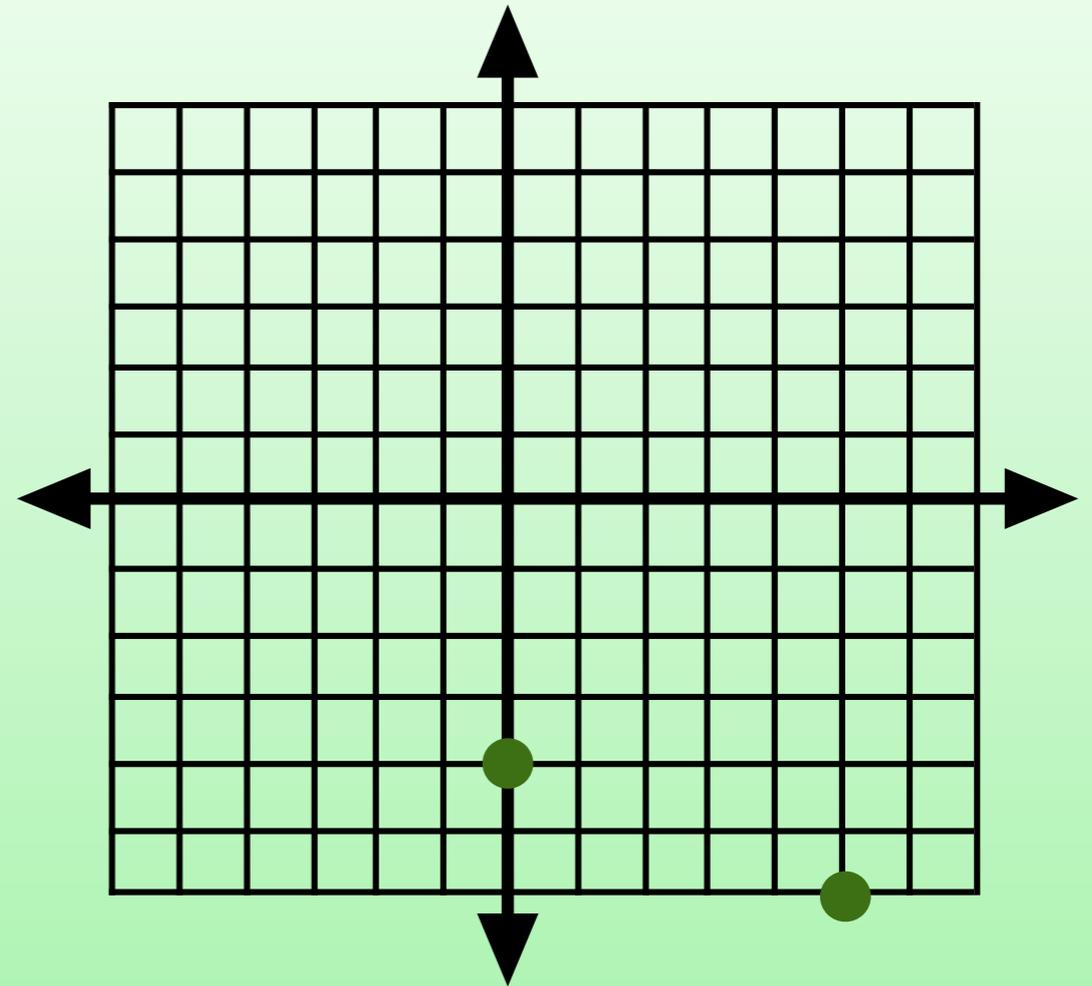
- What is the equation of this line?
What is the slope?
What is the y-intercept?
What is the x-intercept?
- What is the equation of the line that goes through $(8, 1)$ and has slope of -2 .
- What large US city is most often misspelled?



Day 35

1. Opener

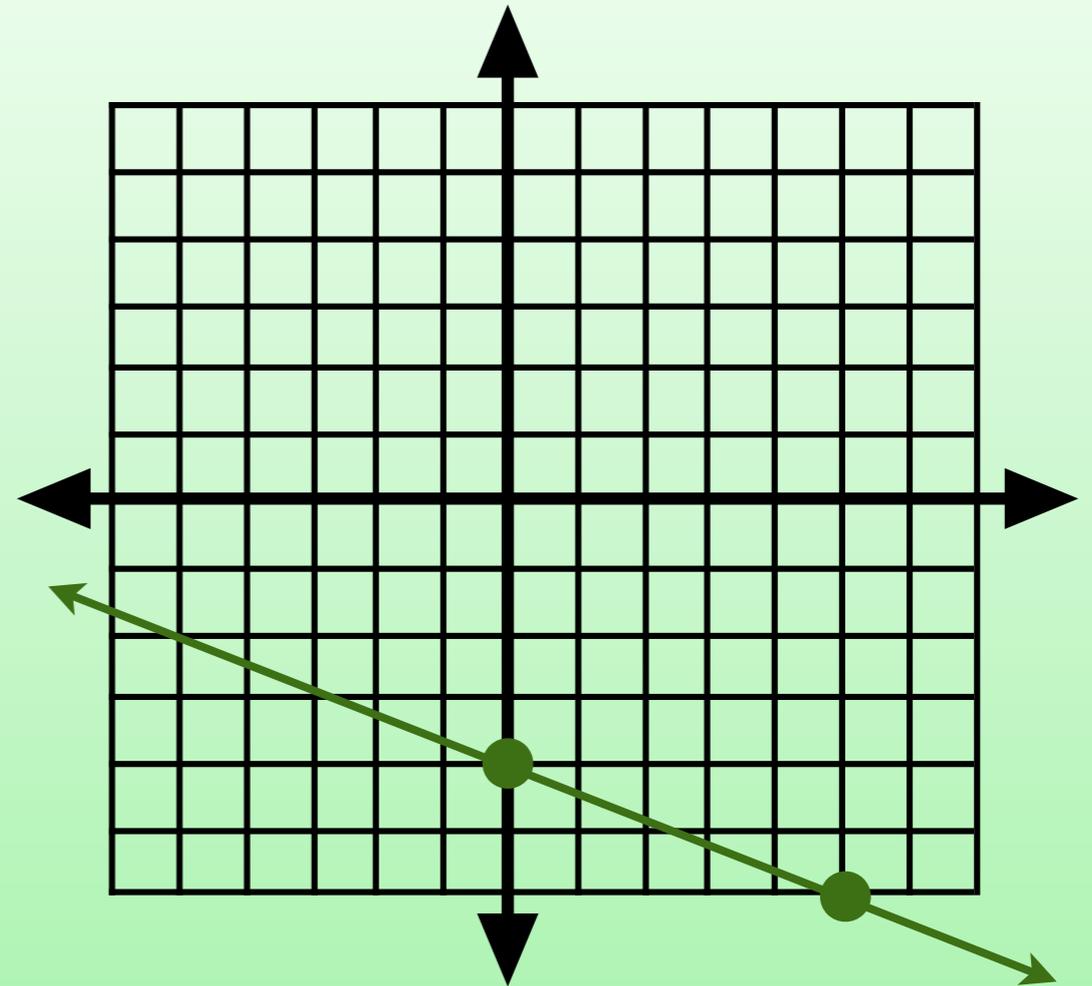
- What is the equation of this line?
What is the slope?
What is the y-intercept?
What is the x-intercept?
- What is the equation of the line that goes through $(8, 1)$ and has slope of -2 .
- What large US city is most often misspelled?

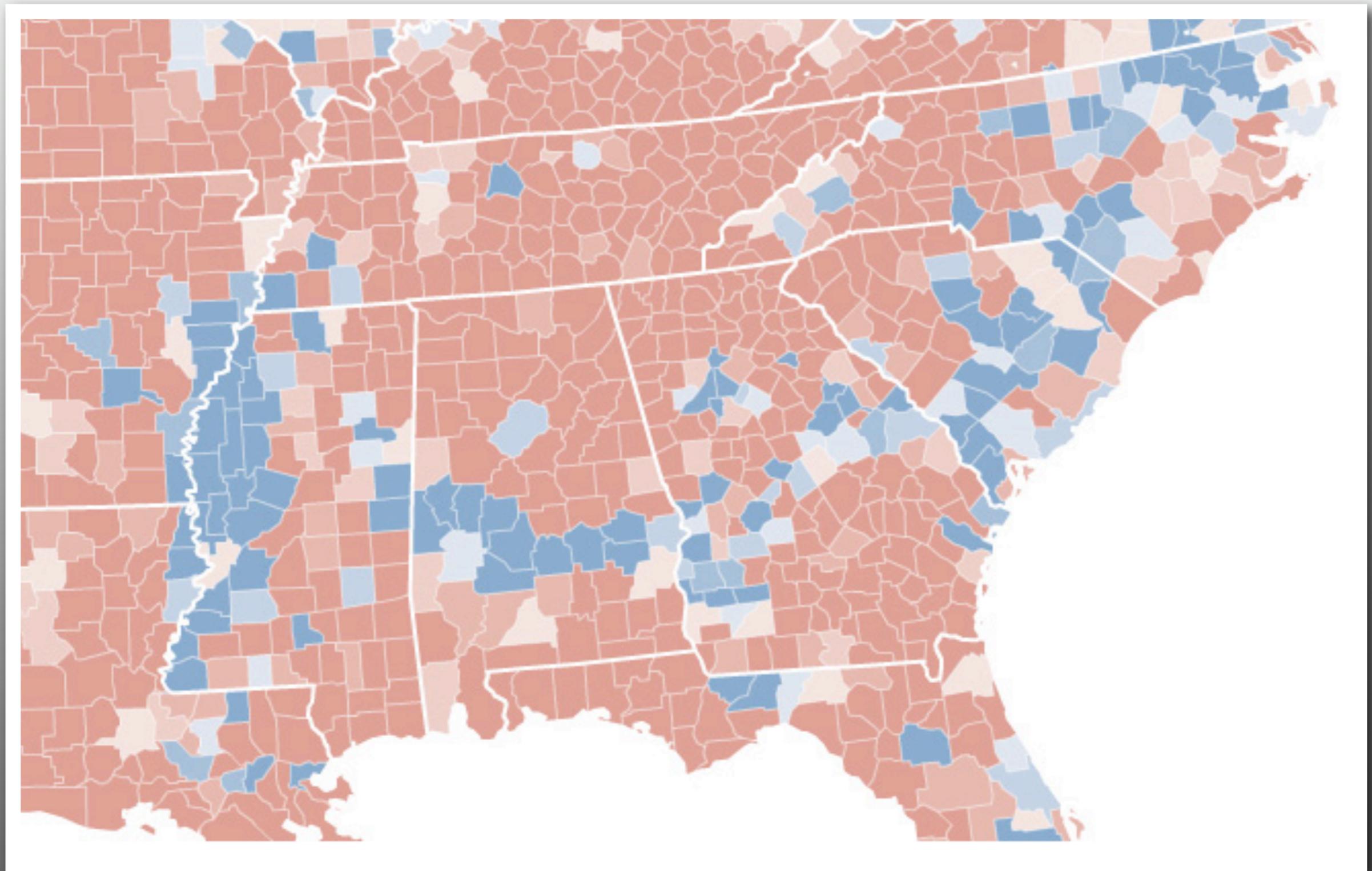


Day 35

1. Opener

- What is the equation of this line?
What is the slope?
What is the y-intercept?
What is the x-intercept?
- What is the equation of the line that goes through $(8, 1)$ and has slope of -2 .
- What large US city is most often misspelled?



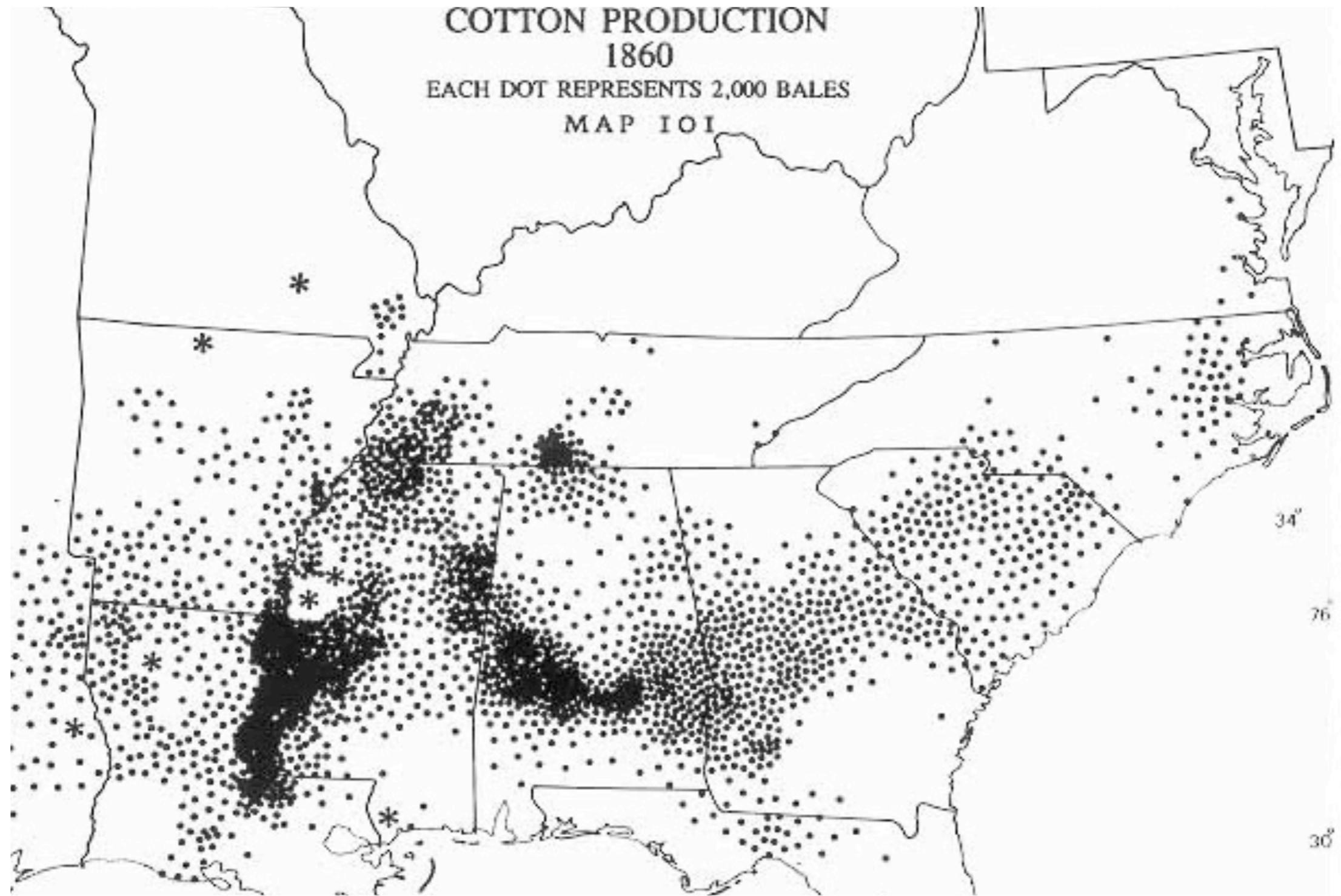


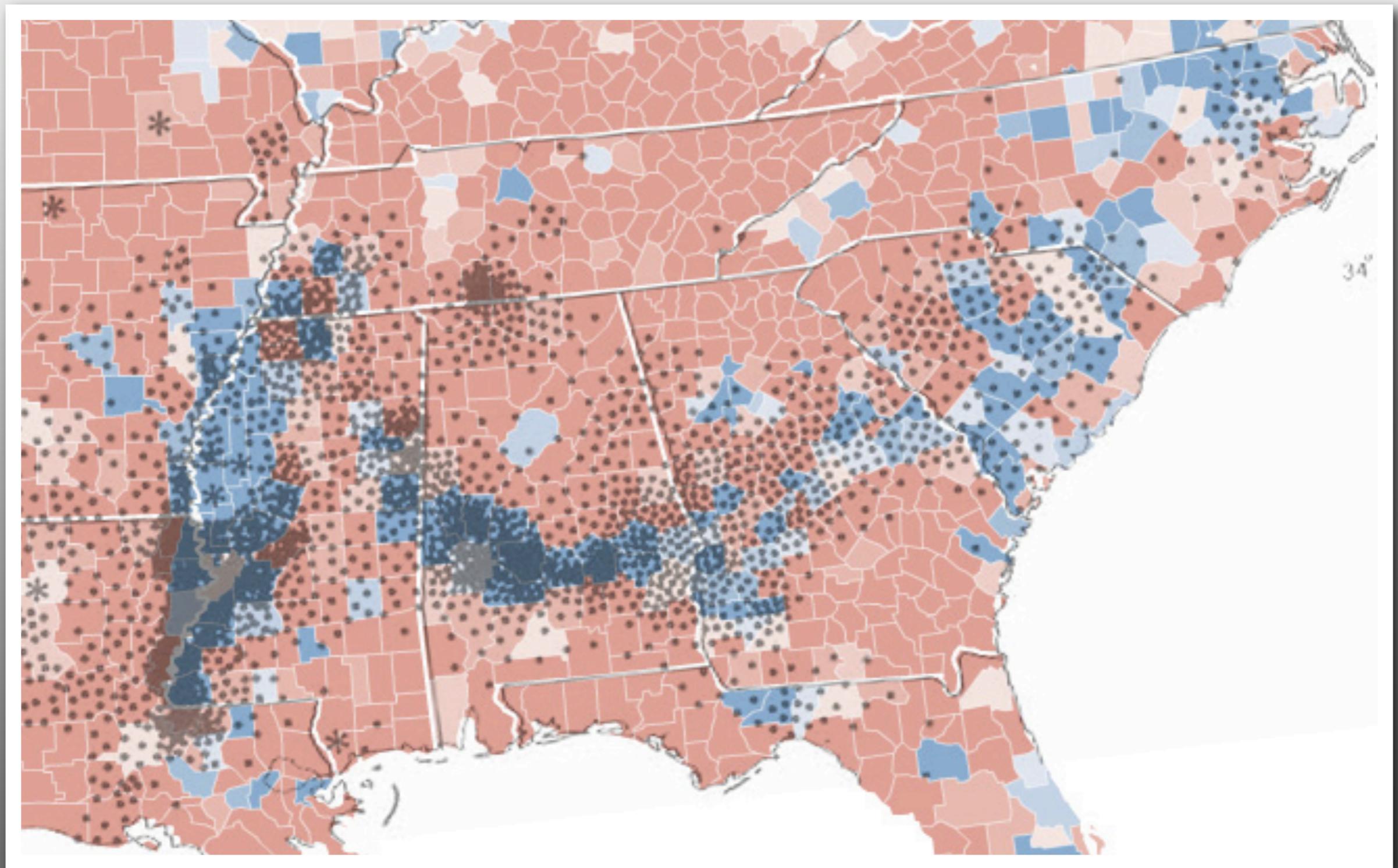
COTTON PRODUCTION

1860

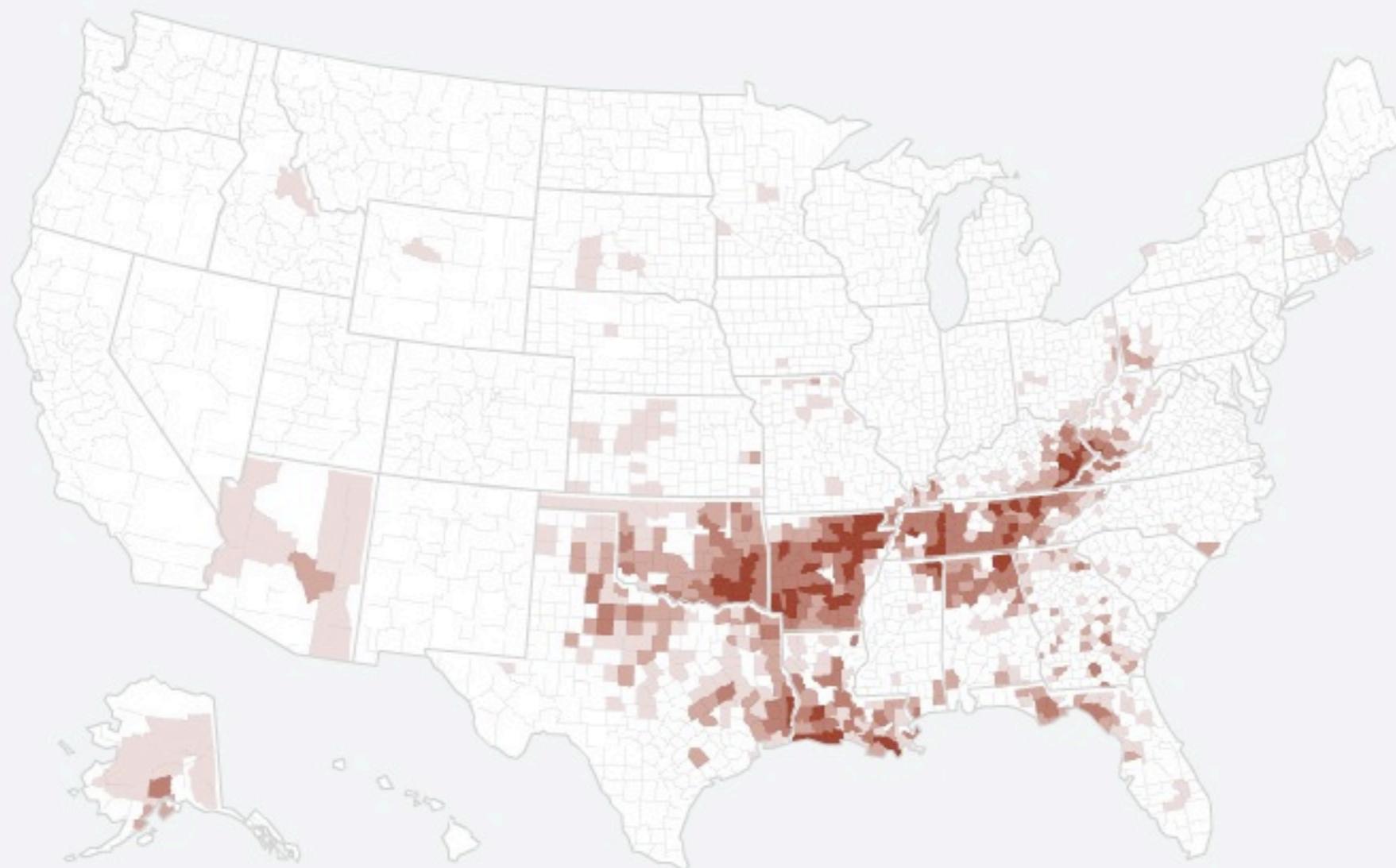
EACH DOT REPRESENTS 2,000 BALES

MAP 101



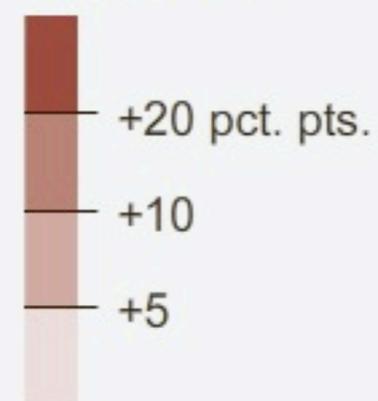


This year, only 22 percent of the nation's counties voted more Republican ...



Compared to 2004, each county voted more ...

Republican



Friday, 12/1/08:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	AVG
Fourth	80	85	95	100	65	81	85	60	59	9						72
Sixth	100	73	95	95	68	73	91	68	71	33						75

y

$$y = 3x - 5$$

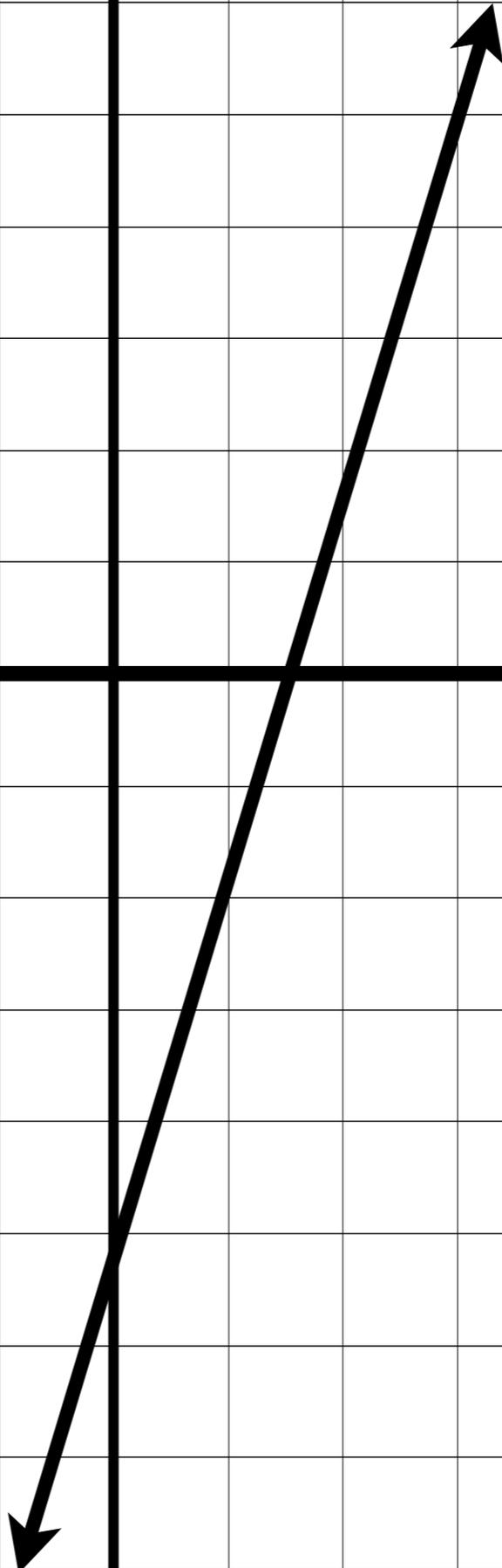
$$y = 3x + 5$$

y

$$y = 3x - 5$$

y

$$y = 3x - 5$$

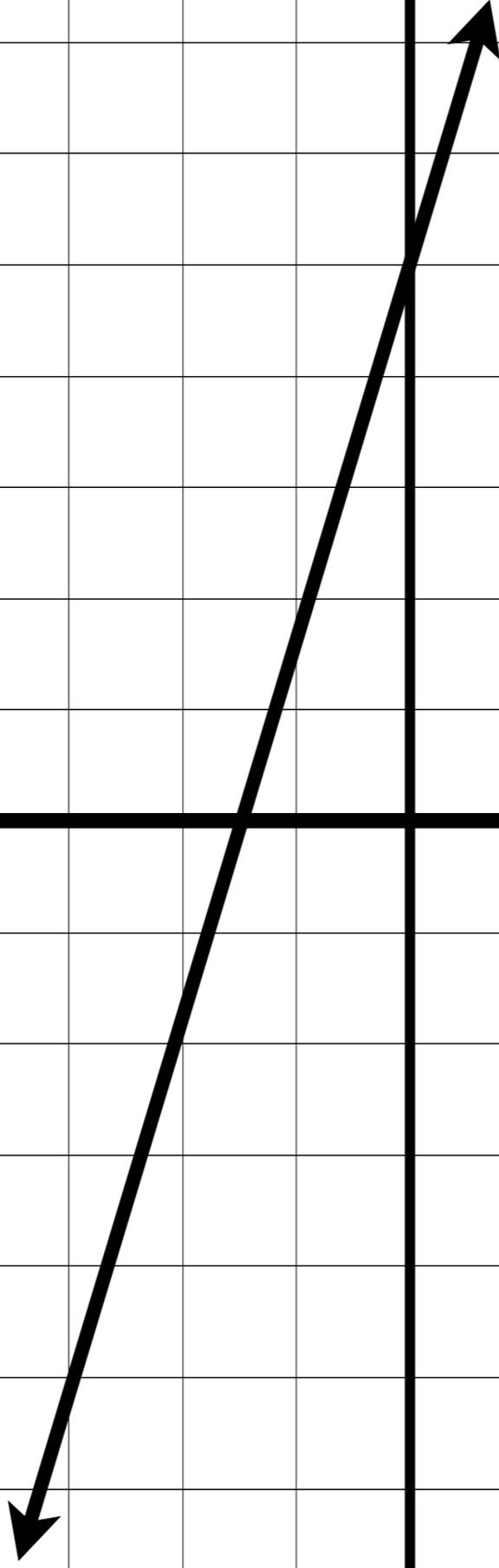


y

$$y = 3x + 5$$

y

$$y = 3x + 5$$



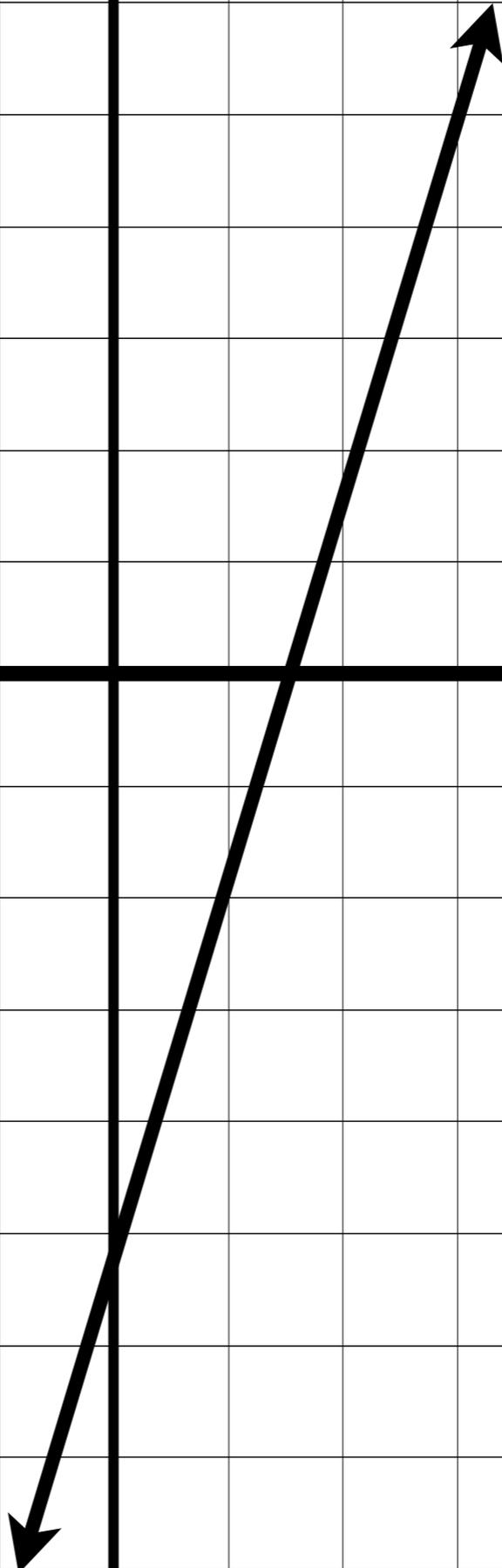
y

$$y = 3x - 5$$

$$y = 3x + 5$$

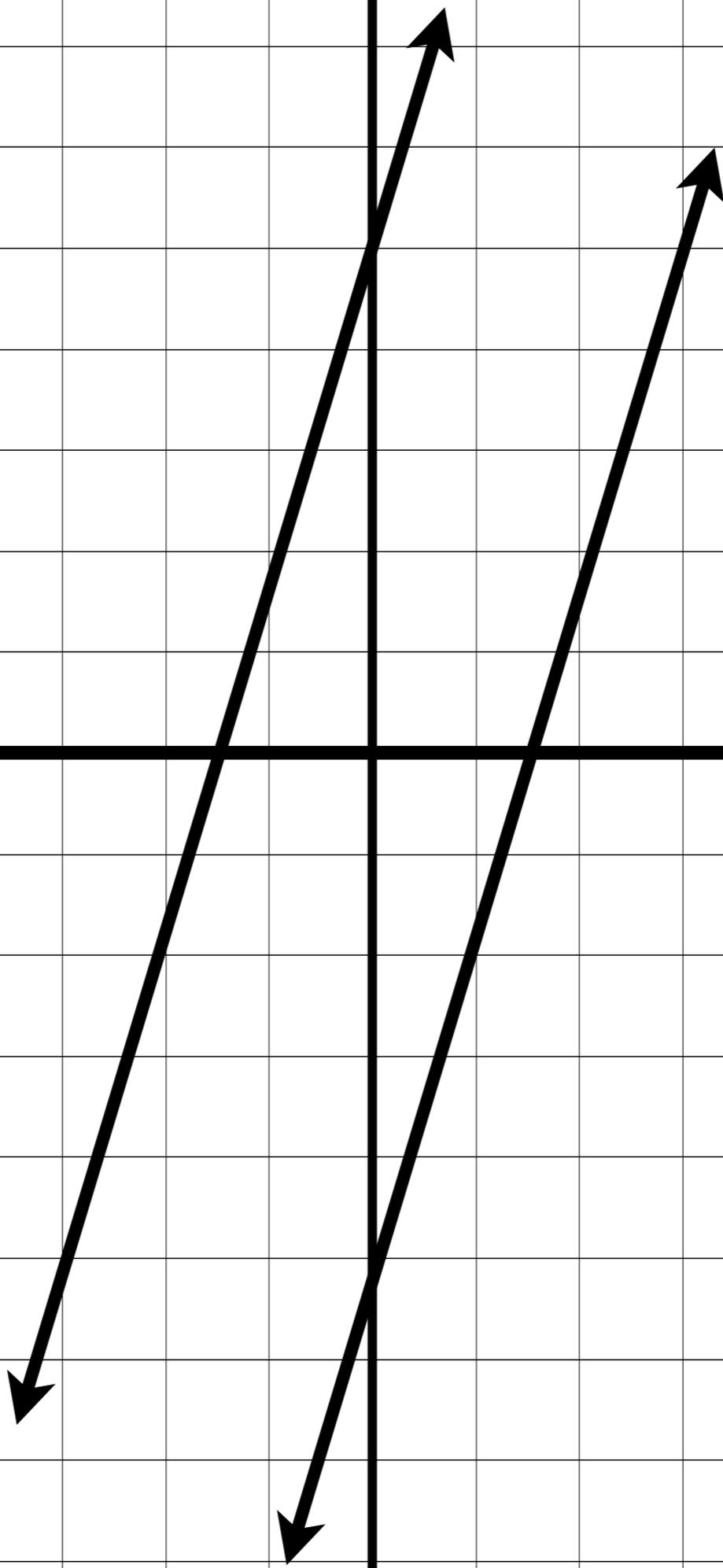
y

$$y = 3x - 5$$
$$y = 3x + 5$$



y

$$y = 3x - 5$$
$$y = 3x + 5$$



2. Notes

2. Notes

Two lines that are parallel have _____ slopes.

2. Notes

Two lines that are parallel have _____ slopes.

$$y = 5x - 3$$

2. Notes

Two lines that are parallel have _____ slopes.

$$y = 5x - 3$$

$$y = 2x - 3$$

2. Notes

Two lines that are parallel have _____ slopes.

$$y = 5x - 3$$

$$y = 2x - 3$$

$$y = -3x + 4$$

2. Notes

Two lines that are parallel have _____ slopes.

$$y = 5x - 3$$

$$y = 2x - 3$$

$$y = -3x + 4$$

$$y = 3x + 7$$

2. Notes

Two lines that are parallel have _____ slopes.

$$y = 5x - 3$$

$$y = 2x - 3$$

$$y = -3x + 4$$

$$y = 3x + 7$$

$$2y + 3x = 10$$

2. Notes

Two lines that are parallel have _____ slopes.

$$y = 5x - 3$$

$$y = 2x - 3$$

$$y = -3x + 4$$

$$y = 3x + 7$$

$$2y + 3x = 10$$

$$y = 3x + 7$$

2. Notes

Two lines that are parallel have _____ slopes.

$$y = 5x - 3$$

$$y = 2x - 3$$

$$y = -3x + 4$$

$$y = 3x + 7$$

$$2y + 3x = 10$$

$$y = 3x + 7$$

$$2y - 3x = 10$$

2. Notes

Two lines that are parallel have _____ slopes.

$$y = 5x - 3$$

$$y = 2x - 3$$

$$y = -3x + 4$$

$$y = 3x + 7$$

$$2y + 3x = 10$$

$$y = 3x + 7$$

$$2y - 3x = 10$$

$$3x - 2y = 4$$

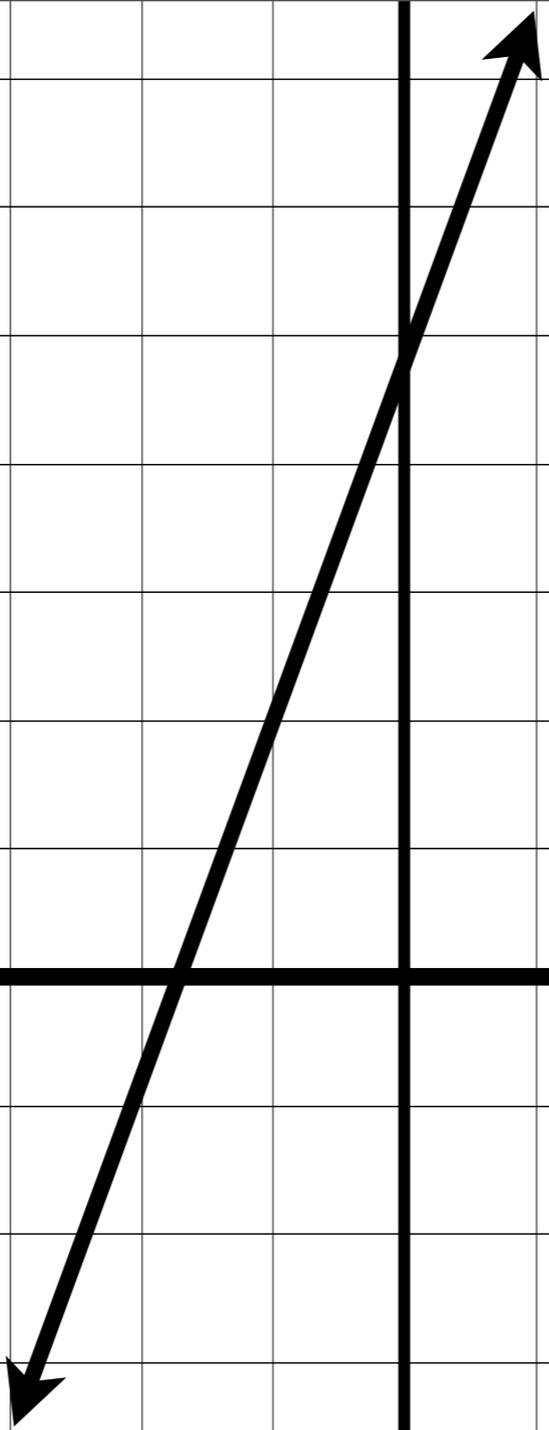
y

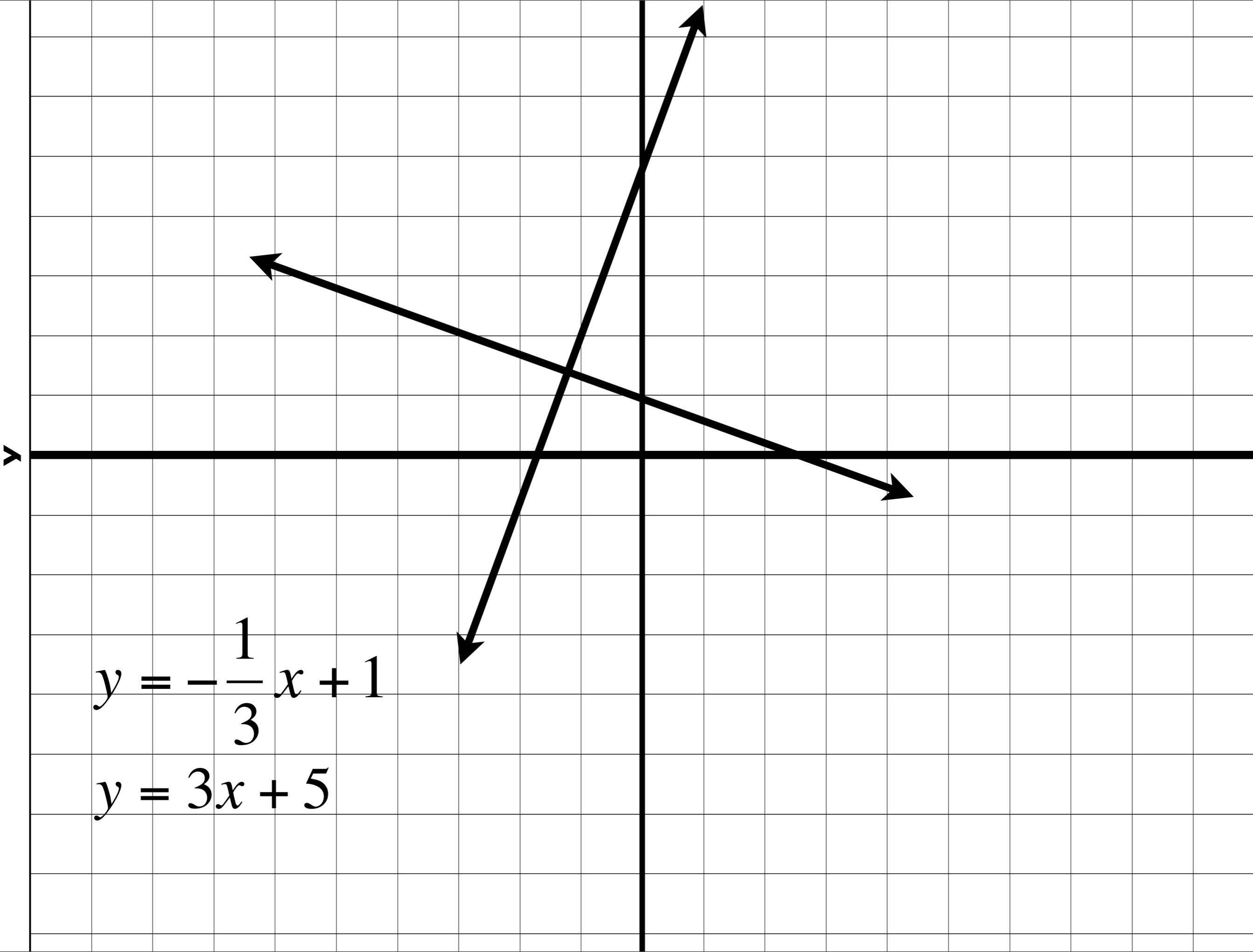
$$y = 3x + 5$$

y

$$y = -\frac{1}{3}x + 1$$

$$y = 3x + 5$$





2. Notes

2. Notes

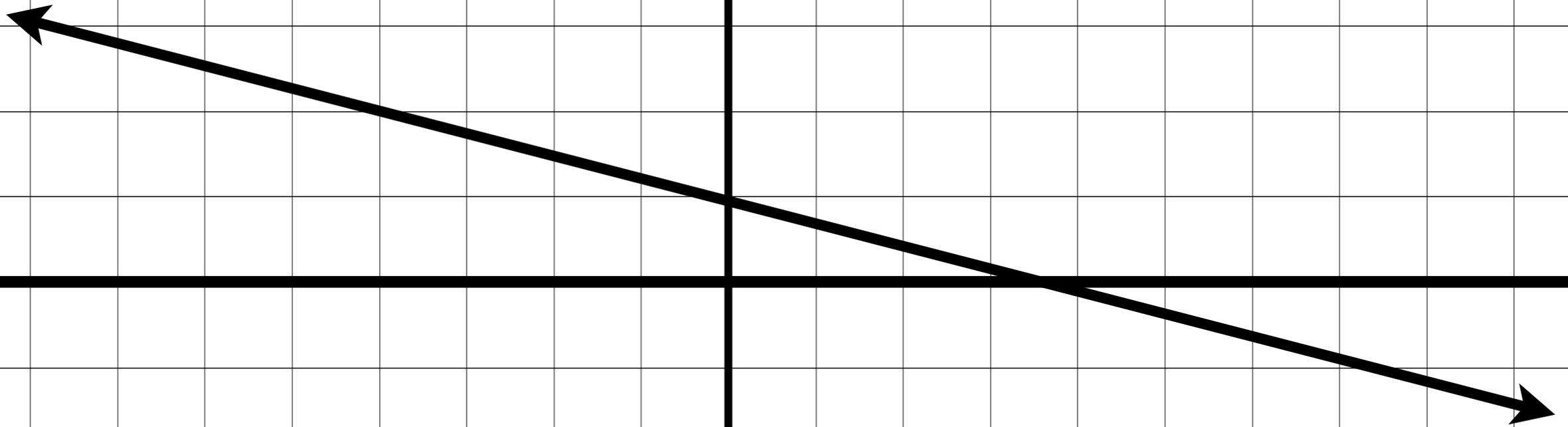
Two lines that are perpendicular have _____ slopes.

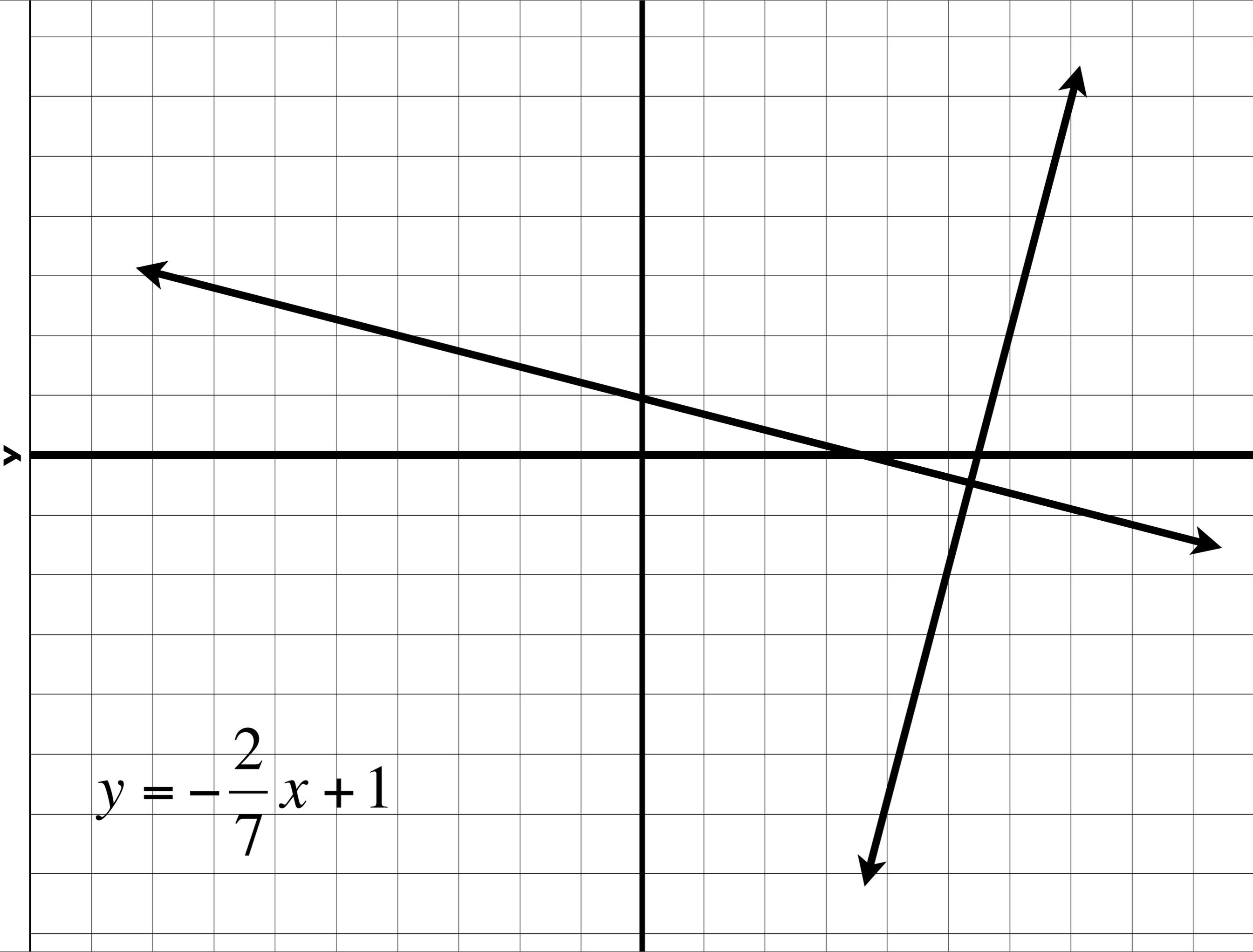
y

$$y = -\frac{2}{7}x + 1$$

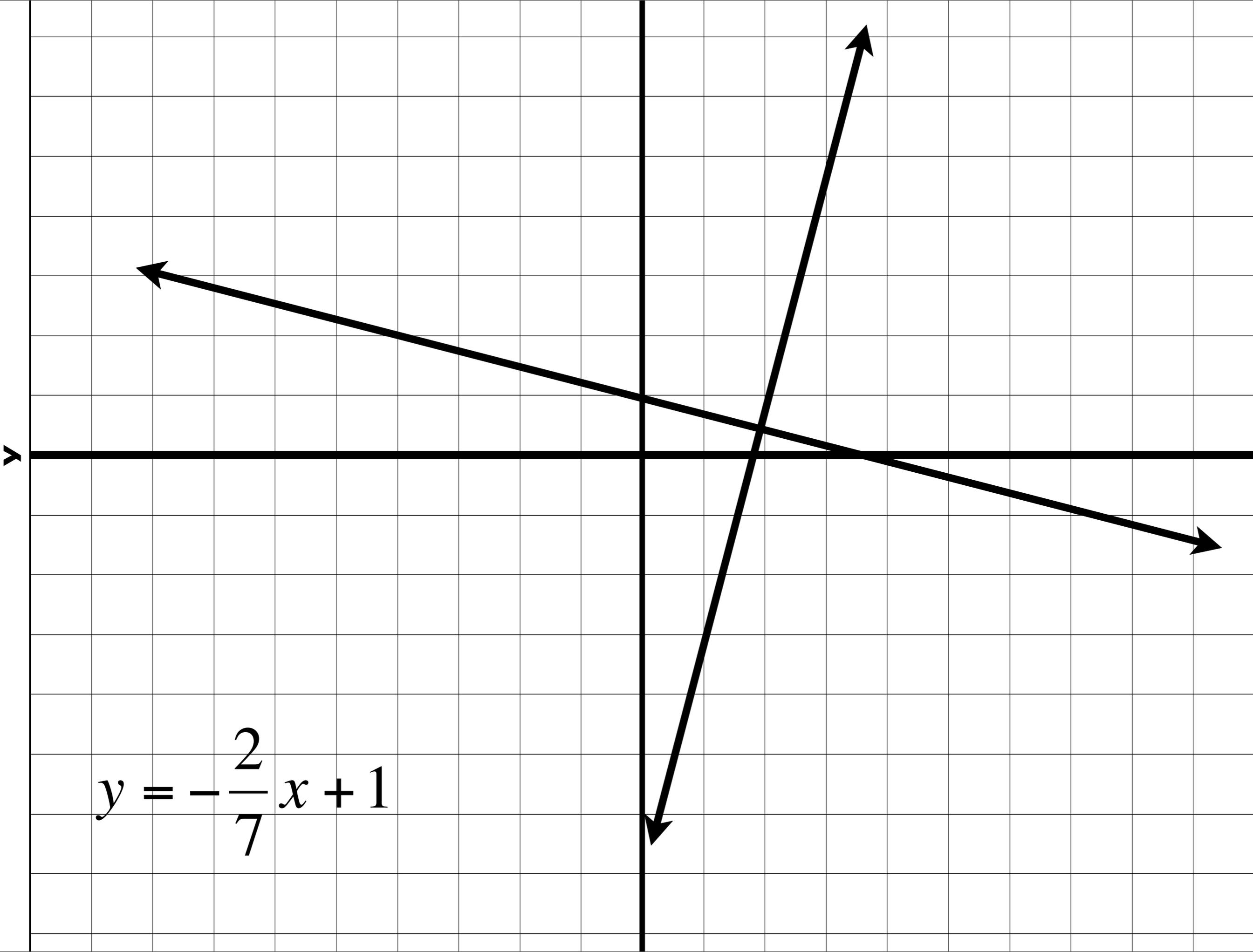
y

$$y = -\frac{2}{7}x + 1$$



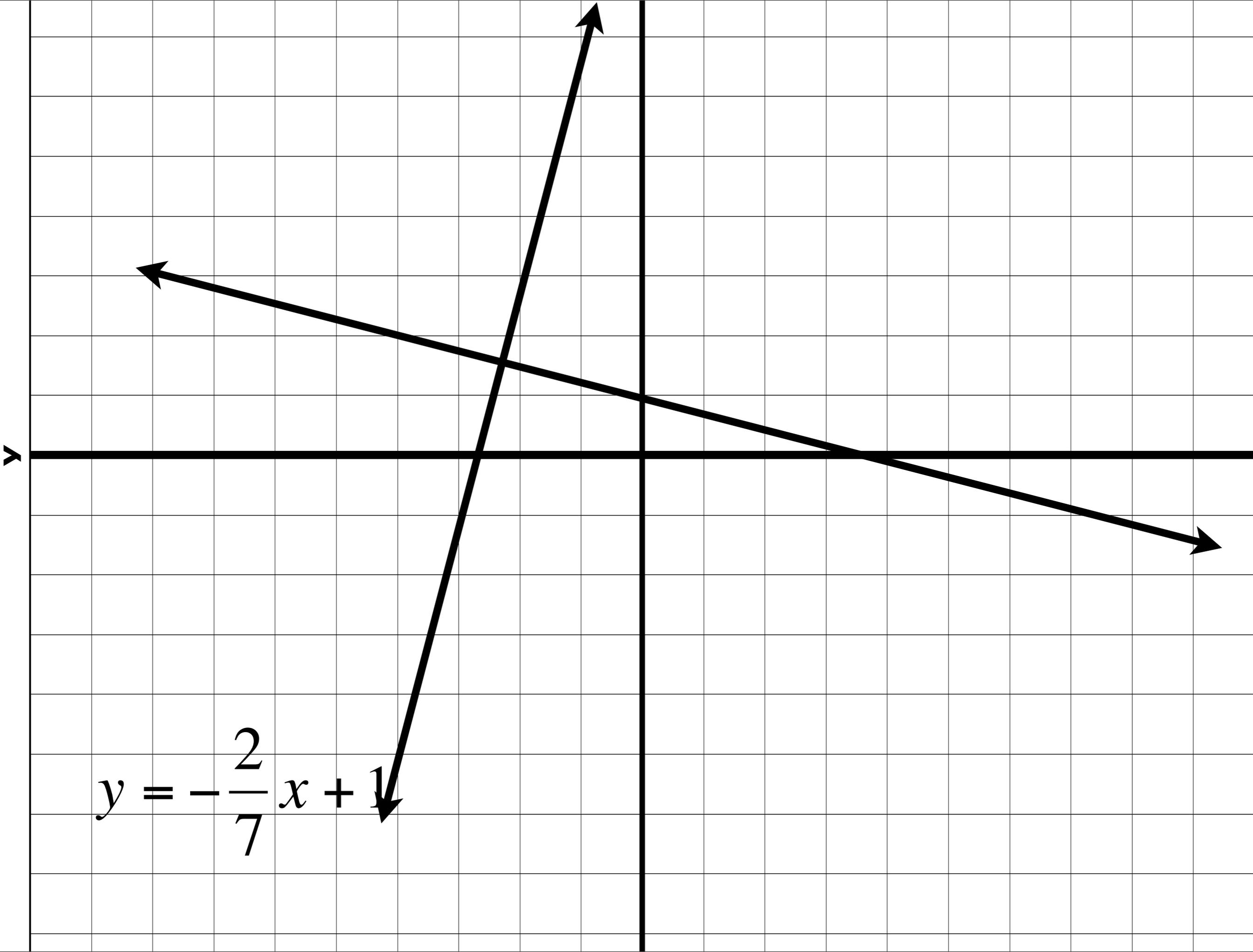


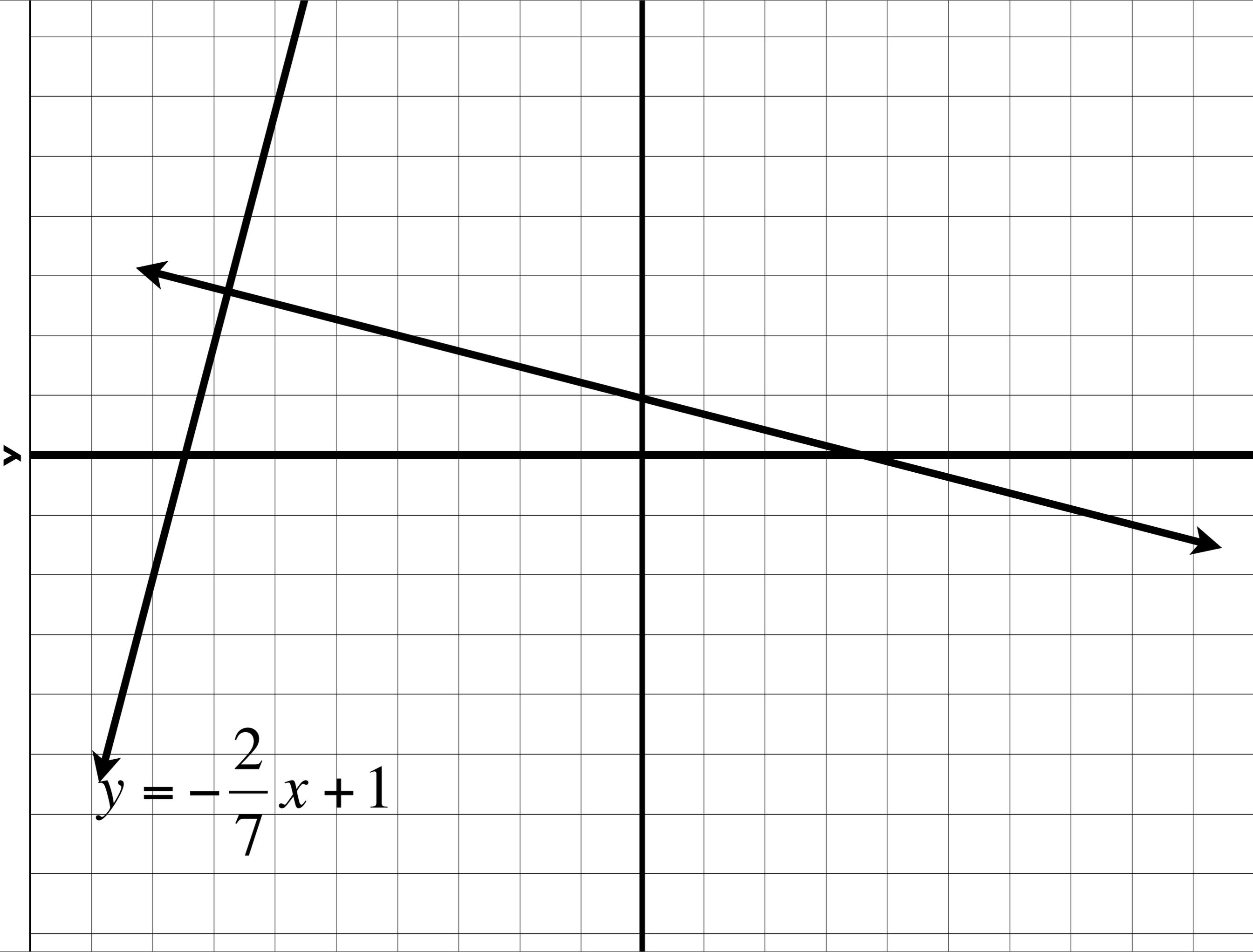
$$y = -\frac{2}{7}x + 1$$



$$y = -\frac{2}{7}x + 1$$

y





$$y = -\frac{2}{7}x + 1$$

3. Classwork

3. Classwork

pg. 262 // #32 - 39

3. Classwork

pg. 262 // #32 - 39

pg. 262 // #10 - 16

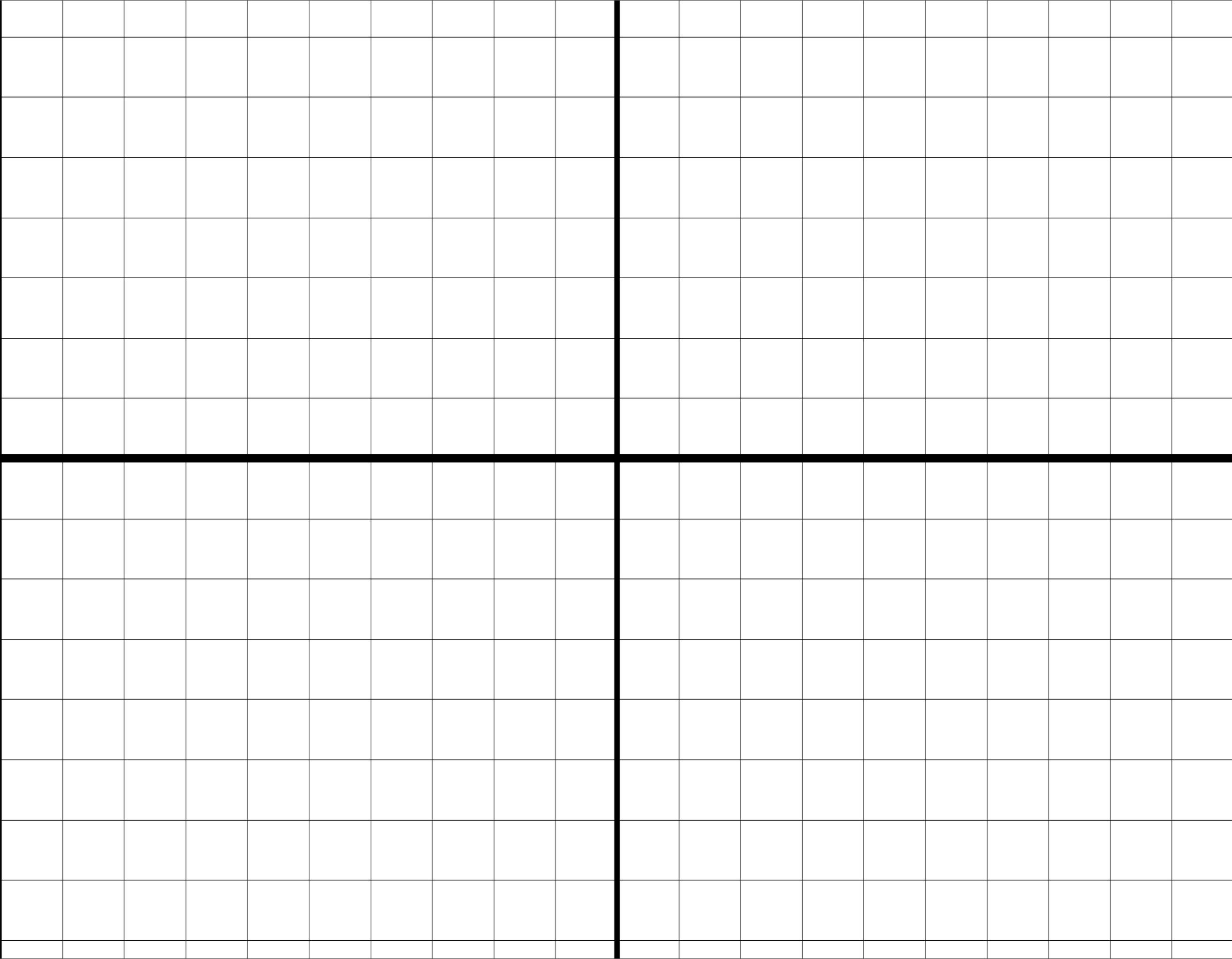
3. Classwork

pg. 262 // #32 - 39

pg. 262 // #10 - 16

pg. 262 // #25 - 30

y



8. Homework

Practice

There is a line that is parallel to $y = 3x - 4$ but goes through $(0, 4)$. What is it?

Challenge

There is a line that is parallel to $y = 3x - 4$ but goes through $(0, 4)$. What is it?

Day 36

1. Opener

a)

x	13	15	5		
y	9	10		13	

- b) Graph: $2y - 4x = 10$ using intercepts.
- c) What is its slope?
- d) Give an equation of a line that is parallel to $y = 5x - 2$.
- e) Give an equation of a line that is parallel to $y + 3x = -2$.
- f) Give an equation of a line that is parallel to $y + 5x = 7$ that goes through $(2, -4)$.
- g) How much does the average American bride spend on a wedding dress?

















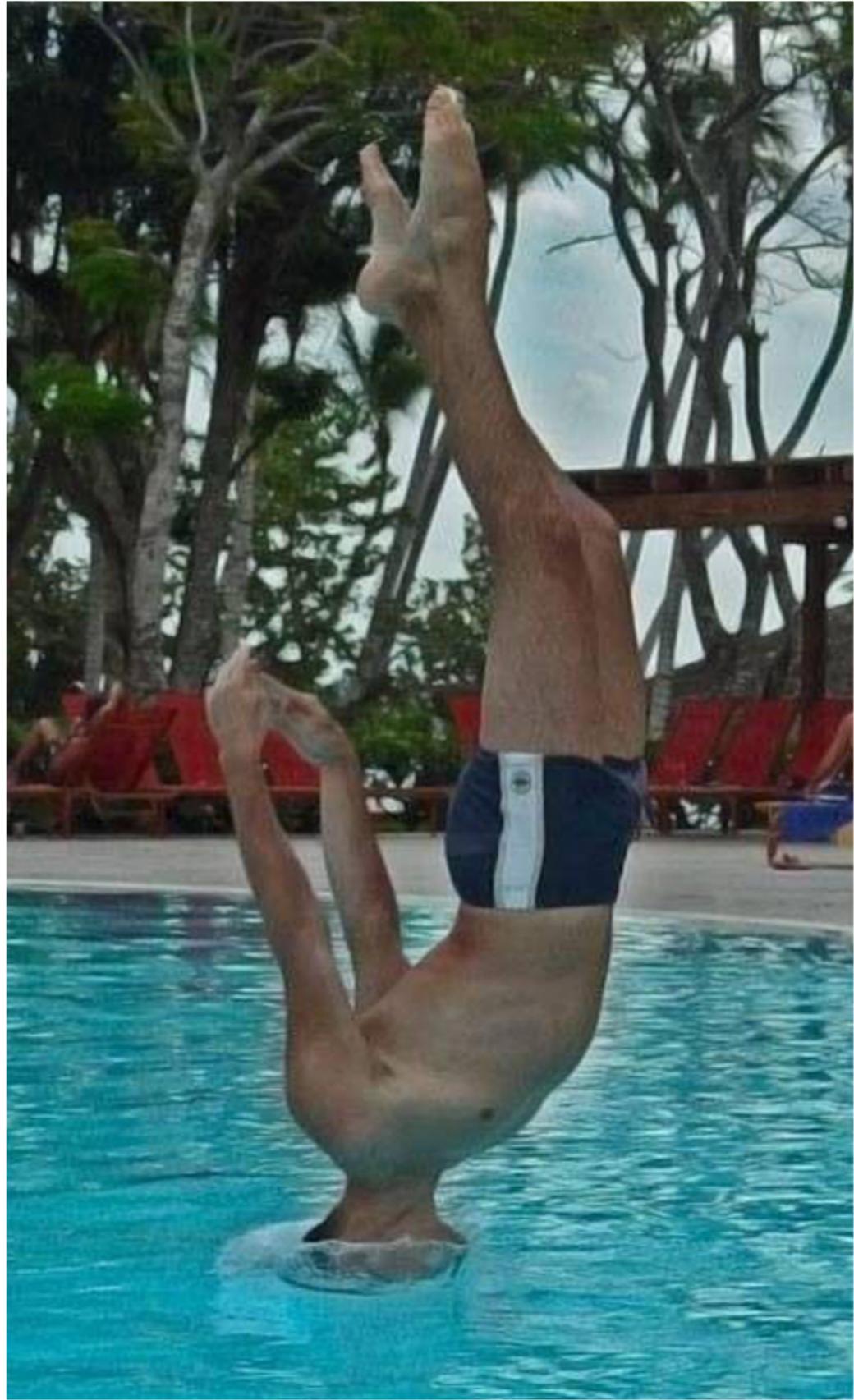
Sam Adams © 2007





































Friday, 12/1/08:

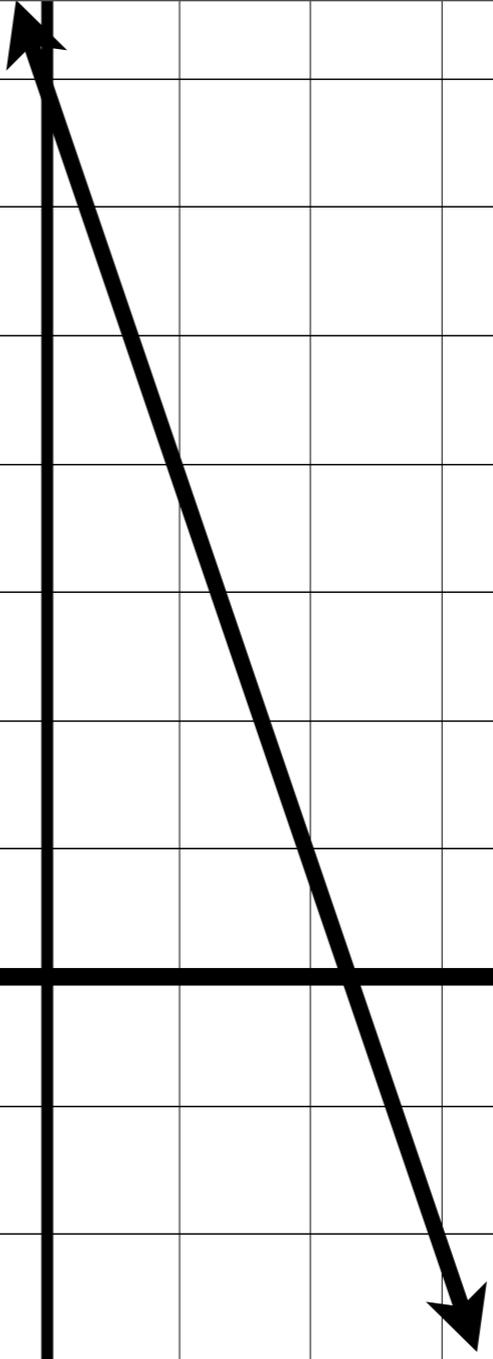
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	AVG
Fourth	80	85	95	100	65	81	85	60	59	9						72
Sixth	100	73	95	95	68	73	91	68	71	33						75

y

$$y = -3x + 7$$

y

$$y = -3x + 7$$



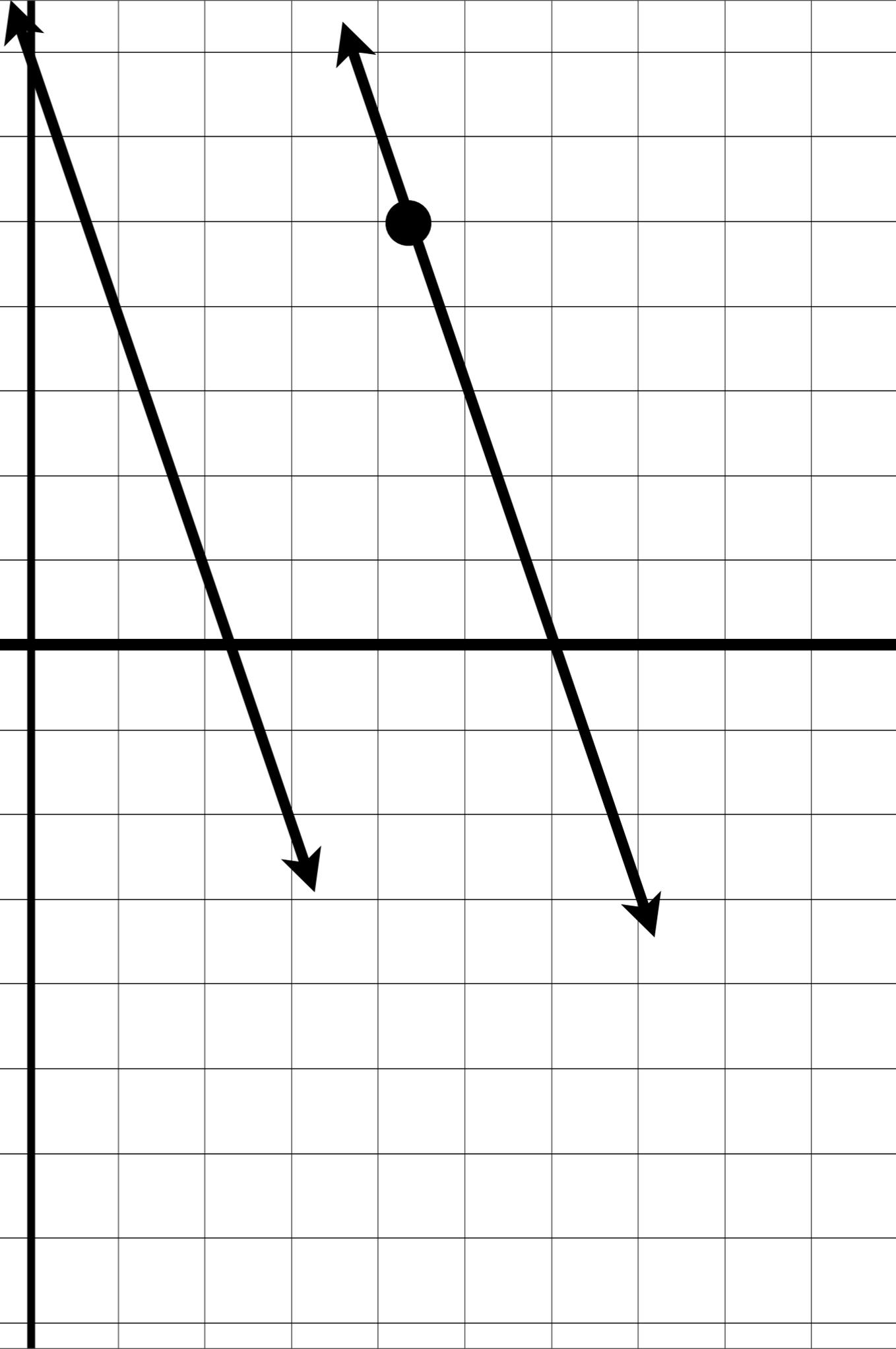
y

$$y = -3x + 7$$



y

$$y = -3x + 7$$



y

$$y = \frac{2}{5}x - 4$$

y

$$y = \frac{2}{5}x - 4$$



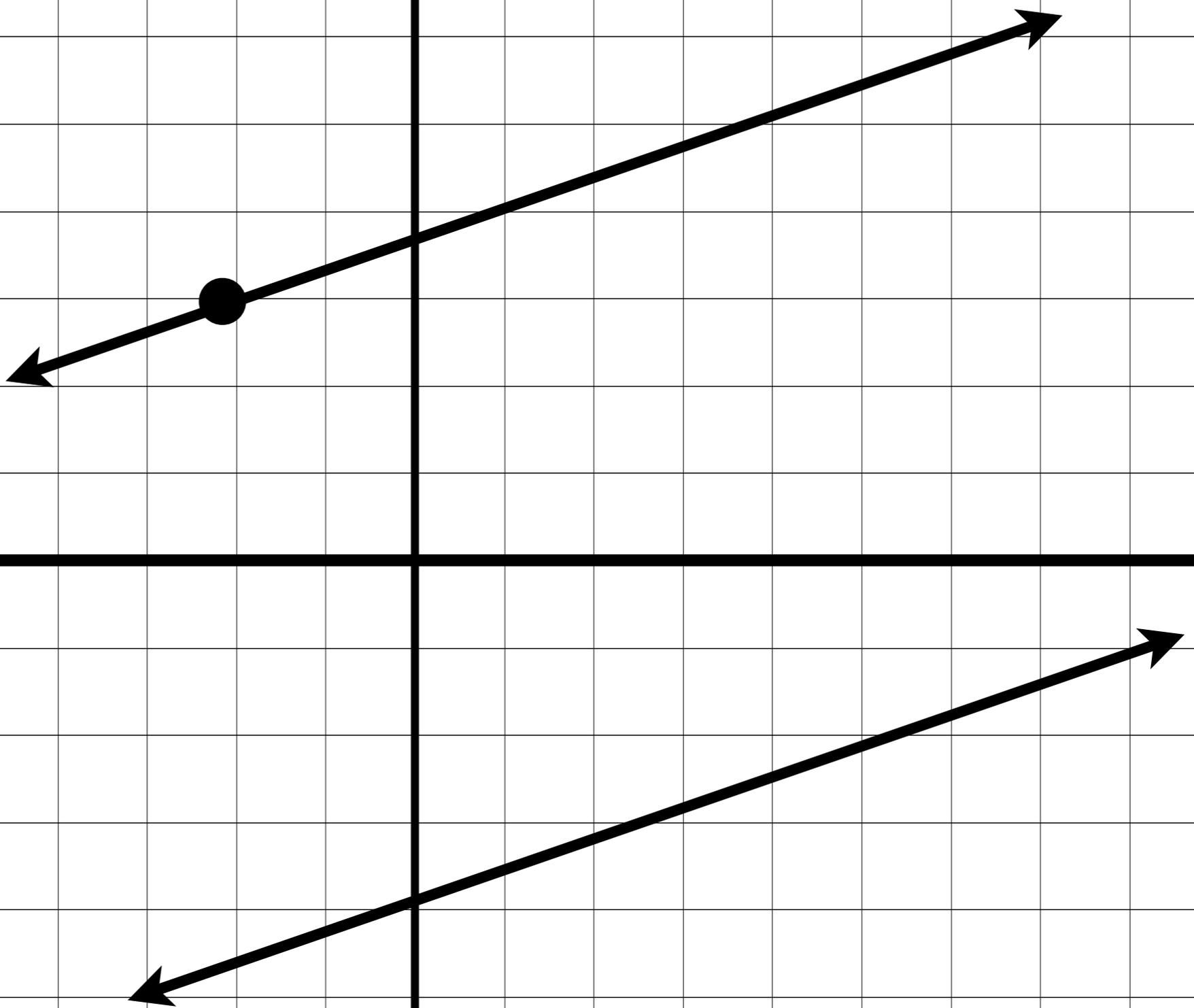
y

$$y = \frac{2}{5}x - 4$$



y

$$y = \frac{2}{5}x - 4$$



3. Break

3. Break

4. Show and Tell

5. Classwork

5. Classwork

pg. 262 // #13 - 18 // graph them

6. Concept Quiz

7. Homework

Practice

There is a line that is parallel to $y = -3x - 4$ but goes through $(-9, 2)$. What is it?

Challenge

There is a line that is parallel to $y = x - 4$ but goes through $(-5, -2)$. What is it?