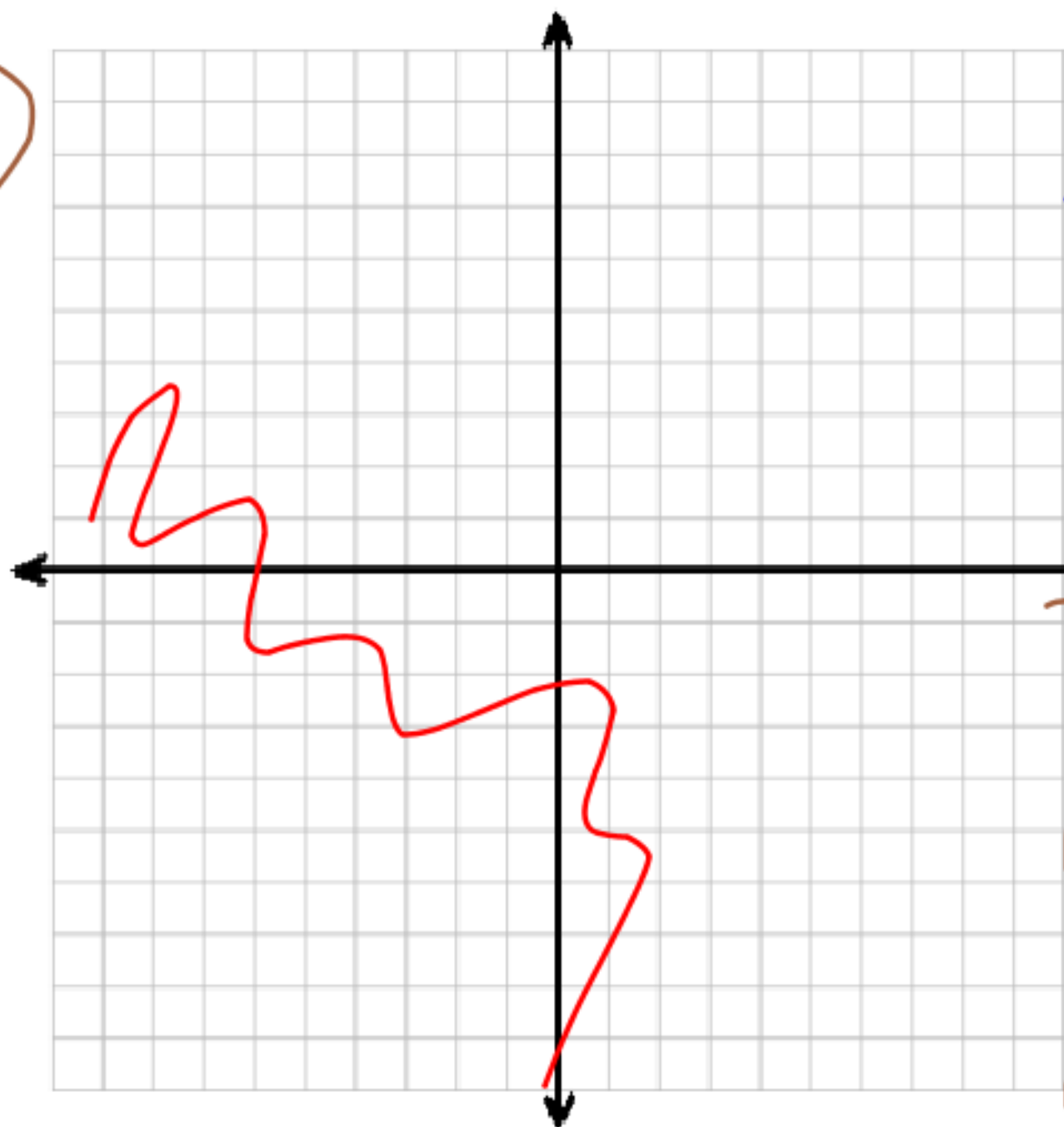


p. 441

18



$$A = \$80 + 0.20 \text{ km}$$

$$B = .60 \text{ km}$$

$\$A$ km	$\$B$
50	90
100	
150	
200	
250	
300	

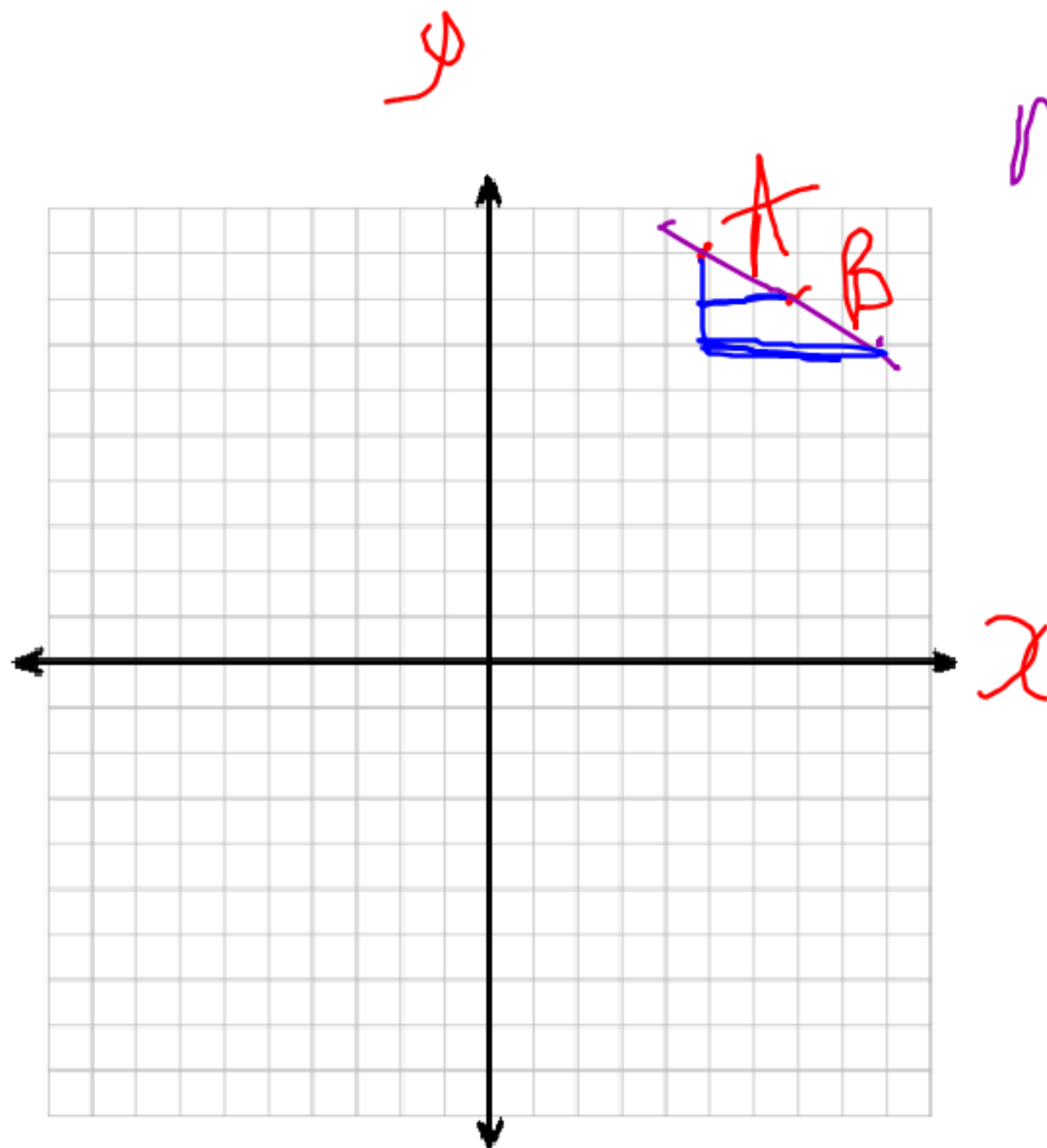
$\$B$ km	$\$A$
50	90
100	

Slope of a Straight Line Continued

(m)

4. Find the slope passing thru
 $A(x_1, y_1)$ $B(x_2, y_2)$
 $A(5, 9)$ $B(7, 8)$

$$m = \frac{\Delta y}{\Delta x} = \frac{y_2 - y_1}{x_2 - x_1} = \frac{8 - 9}{7 - 5} = \frac{-1}{2}$$



$$m(\text{slope}) = \frac{\text{rise}}{\text{run}}$$
$$= \frac{2}{4} = \frac{1}{2}$$

$$8. \quad K(\overset{x_1}{2}, \overset{y_1}{5}), L(\overset{x_2}{0}, \overset{y_2}{8})$$

$$M = \frac{\Delta y}{\Delta x} = \frac{y_2 - y_1}{x_2 - x_1} = \frac{8 - 5}{0 - 2} = -\frac{3}{2}$$

10.

$$C \overset{x}{(3)}, \overset{y}{(4)} \quad D \overset{x}{(-2)}, \overset{y}{(-5)}$$

$$m = \frac{\Delta y}{\Delta x} = \frac{y_2 - y_1}{x_2 - x_1} = \frac{-5 - 4}{-2 - 3} = \frac{-9}{-5} = \frac{9}{5}$$

12. $M(x_1, y_1)$ $N(x_2, y_2)$
 $M(-6, 0)$ $N(4, 5)$

$$m = \frac{\Delta y}{\Delta x} = \frac{y_2 - y_1}{x_2 - x_1} = \frac{5 - 0}{4 - (-6)} = \frac{5}{10} = \frac{1}{2}$$



1

/ 2



100%



Tools

Sign

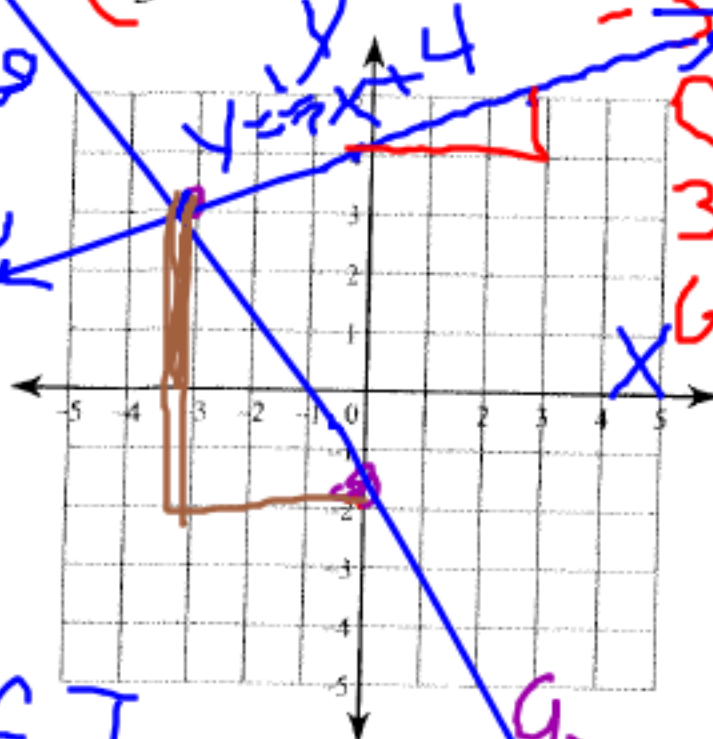
Comment

Linear Systems - Graphing

Solve each system by graphing.

1) $y = -\frac{5}{3}x - 2$

$y = \frac{1}{3}x + 4$



P of I
 $(-3, 3)$

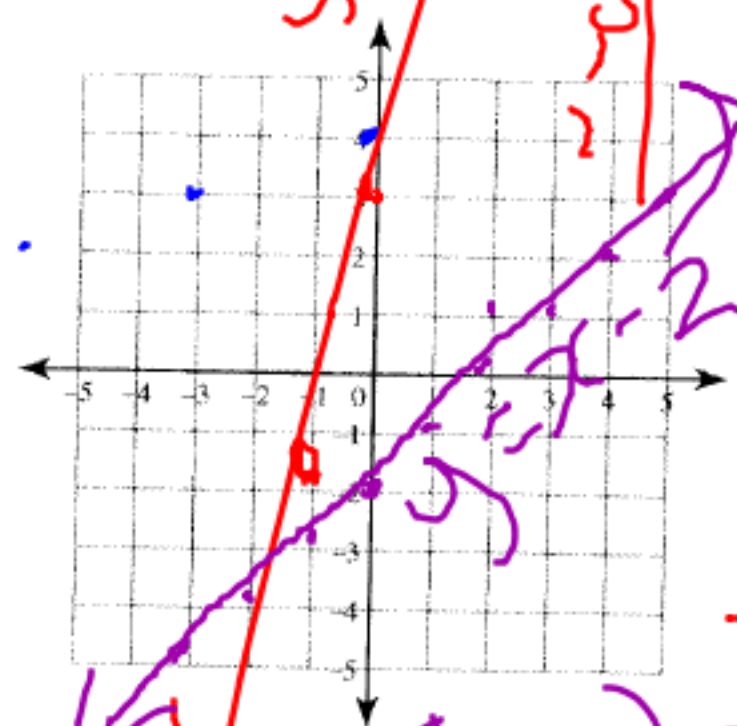
x	y
-6	2
-3	3
0	4
3	5
6	6

x	y
-6	8
-3	3
0	-2
3	-7
6	-12

Name _____

Date _____

2) $y = 6x + 3$
 $y = x - 2$



P of I
 $(-1, -5)$

x	y
-2	-4
-1	-3
0	-2
1	-1
2	0

Homework: finish back of Sheet
(Slope)

finish graphing P of I
hand out

People going to choir festival
pick up review package

Test: Tues MAY 7