

# Comparing Rates Worksheet

Name: \_\_\_\_\_

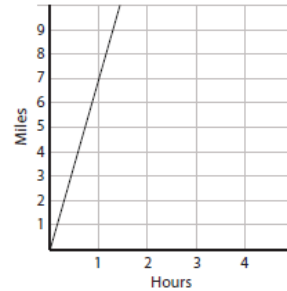
1. Below are representations of CJ, Holland, and Brandon's speed as they run a race.

CJ:

x (hours)	y (miles)
0	0
2	13
4	26
6	39

Holland:  $y = 6x$

Brandon:



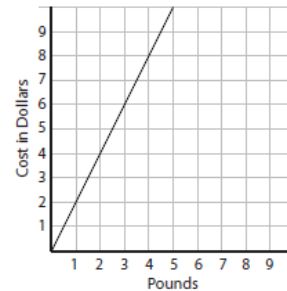
Greatest Rate of Change: \_\_\_\_\_ Lowest Rate of Change: \_\_\_\_\_

2. Smith's:

x (pounds)	y (dollars)
0	0
4	5
8	10
12	15

Harmon's:  $y = \frac{7}{2}x$

Macey's:



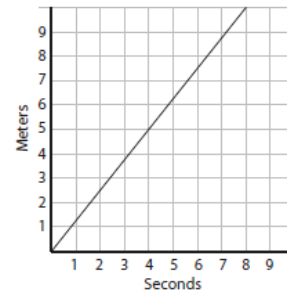
Greatest Rate of Change: \_\_\_\_\_ Lowest Rate of Change: \_\_\_\_\_

3. Tyler:

x (seconds)	y (meters)
0	0
4	6
8	12
12	18

Aubri:  $y = \frac{3}{2}x$

Kyote:



Greatest Rate of Change: \_\_\_\_\_ Lowest Rate of Change: \_\_\_\_\_

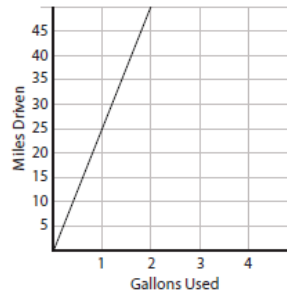
4. Below are representations of Jesse, Troy and Lucy's usage of gas.

Jesse:

x (gallons)	y (miles)
0	0
1	29
2	58
3	87

Troy:  $y = 28x$

Lucy:



Greatest Rate of Change: \_\_\_\_\_ Lowest Rate of Change: \_\_\_\_\_

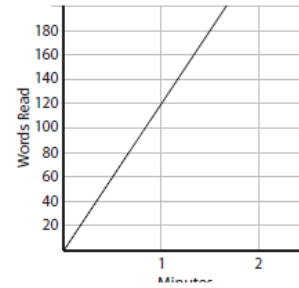
5. Below are representations of Braden, Omar and Malika's speed as they read.

Braden:

x (minutes)	y (words)
0	0
3	180
6	360
9	540

Omar:  $y = 100x$

Malika:



Greatest Rate of Change: \_\_\_\_\_ Lowest Rate of Change: \_\_\_\_\_

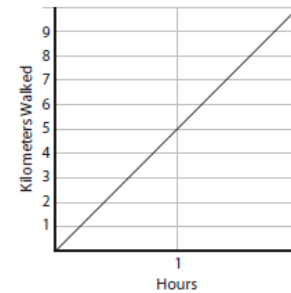
6. Below are representations of Tanner, Hunter, and Casey's speed as they walk.

Tanner:

x (hours)	y (km)
0	0
2	9
4	18
6	27

Hunter:  $y = \frac{13}{4}x$

Casey:



Greatest Rate of Change: \_\_\_\_\_ Lowest Rate of Change: \_\_\_\_\_

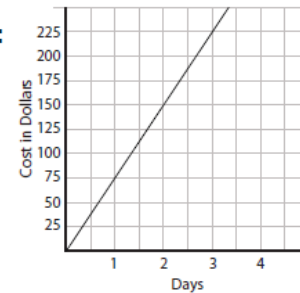
7. Below are representations of Dennis, Myriah, and Kameron's cost to rent a car.

Dennis:

x (days)	y (cost)
0	0
1	78
2	156
3	234

Myriah:  $y = 78x$

Kameron:



Greatest Rate of Change: \_\_\_\_\_ Lowest Rate of Change: \_\_\_\_\_

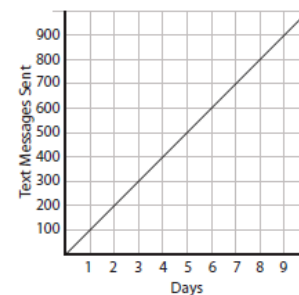
8. Below are representations of Jackson, Katie, and Christen's text message usage.

Jackson:

x (days)	y (texts)
0	0
0.5	75
1	150
1.5	225

Katie:  $y = 160x$

Christen:



Greatest Rate of Change: \_\_\_\_\_ Lowest Rate of Change: \_\_\_\_\_

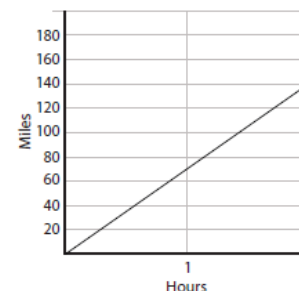
9. Below are representations of Stockton, Melissa, and Taylor's speed while driving.

Stockton:

x (hours)	y (miles)
0	0
0.5	30
1	60
1.5	90

Melissa:  $y = 6x$

Taylor:



Greatest Rate of Change: \_\_\_\_\_ Lowest Rate of Change: \_\_\_\_\_