

Comparing Slopes

For each problem below you will be comparing rates of change represented in different ways. Determine which one is growing the fastest and explain how you know.

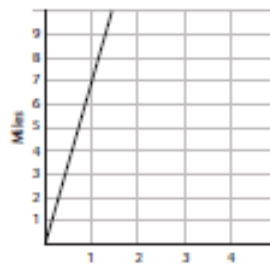
Below are representations of CJ, Holland, and Brandon's speed as they run a race.

CJ:

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

Holland: $y = 6x$

Brandon:



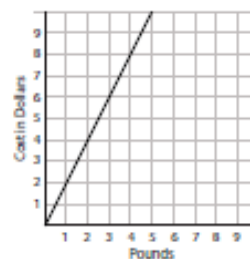
2- Below are representations of Smith's, Harmon's, and Macey's price on hamburger.

Smith's:

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

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

Macey's:



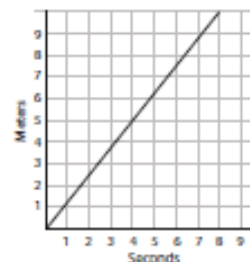
3- Below are representations of Tyler, Aubri, and Kyote's speed as they swim.

Tyler:

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

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

Kyote:



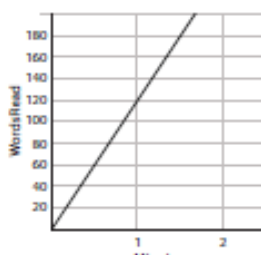
- 4- Below are representations of Braden, Omar and Malika's speed as they read.

Braden:

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

Omar: $y = 100x$

Malika:



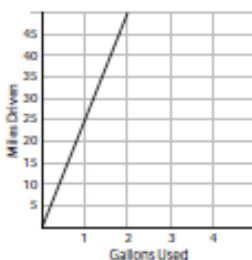
- 5- Below are representations of Jesse, Troy and Lucy's usage of gas.

Jesse:

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

Troy: $y = 28x$

Lucy:



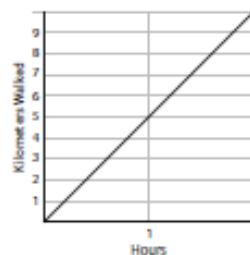
- 6- Below are representations of Tanner, Hunter, and Casey's speed as they walk.

Tanner:

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

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

Casey:



- 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:

