

Name:

Period:

Int 2

Slope from Points & Tables

Assignment 2-5

Find the slope of the line that contains the following two points.

1. $(-3, 5)$ and $(4, -2)$

2. $(6, -2)$ and $(4, -2)$

3. $(0, 2)$ and $(5, 0)$

4. $(4, 3)$ and $(1, 2)$

5. $(5, -3)$ and $(5, 7)$

6. $(0, 1)$ and $(-5, -2)$

7. $(7, -2)$ and $(7, -6)$

8. $(7, 4)$ and $(17, -11)$

Use the tables to find the slope of the line that contains the following points.

9.

x	y
5	11.5
8	10
11	8.5

10.

x	y
-3	4
-1	8
4	18

Use the tables to find the slope of the line that contains the following points.

11.

x	y
-2	8
0	6
10	-4

12.

x	0	2	4	6
y	9	4	-1	-6

13.

x	0	1	2	3
y	3	5	7	9

x	-3	3	9	15
y	1	1	1	1

14. Find the Rate of Change in the following situation, and tell what is going on with the car on the road trip.

<i>Car on a Road Trip</i>	
<i>Time (hours)</i>	<i>Distance (miles)</i>
1	110
3	230
7	470
12	770

Solve & Graph Each Inequality.

15. $2x - 5 < -17$

16. $\frac{3}{2}x + 9 \geq 27$

17. $-5(x - 3) - 18 < 22$

