



Name _____ Period _____

Slope

Find the slope of the line passing through two points using the formula:

$$\text{slope} = m = \frac{(y_2 - y_1)}{(x_2 - x_1)}$$

Example: (1, 1) (4, 2)

$(x, y) (x_2, y_2)$

$$m = \frac{(2 - 1)}{(4 - 1)} = \frac{1}{3}$$

1. (13, 9) (12, 7)

2. (5, -12) (15, -2)

3. (-3, 14) (-1, 28)

4. (9, 6) (4, 6)

5. (8, 14) (22, -9)

6. (33, 59) (0, 0)

7. (14, 21) (14, 6)

8. (5, 17) (-18, 9)

9. (16, -1) (8, 9)

10. (-4, 2) (6, 9)

11. (8, 4) (7, -3)

12. (-2, -1) (-4, -15)

13. (-8, -1) (6, 6)