

Slope: rise over run

rise = difference between y-values

run = difference between x-values

Given 2 points: (x_1, y_1) and (x_2, y_2)

$$m = \frac{y_2 - y_1}{x_2 - x_1}$$

Find the slope between the two given points:

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

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

3. $(-3, 6)$ and $(2, 2)$

4. $(-8, 3)$ and $(-4, -3)$

5. $(8, 3)$ and $(5, 2)$

6. $(-2, -4)$ and $(5, -4)$

7. $(6, 4)$ and $(6, -8)$

8. $(10, -4)$ and $(6, -2)$

Continue finding slope.

9. $(0, -1)$ and $(4, -7)$

10. $(2, 5)$ and $(9, 1)$

11. $(-3, 1)$ and $(-7, 4)$

12. $(1, -1)$ and $(-2, -6)$

If time remains, practice solving equations.