

Name: _____

Score: _____

Slope: Two-Point Formula

Find the slope using two-point formula.

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

Slope =

2) $(4, -1)$ and $(-5, 9)$

Slope =

3) $(8, -5)$ and $(4, -2)$

Slope =

4) $(1, 6)$ and $(-7, 2)$

Slope =

5) $(0, 3)$ and $(7, 3)$

Slope =

6) $(-8, 2)$ and $(-2, -6)$

Slope =

7) $(-7, 4)$ and $(-2, -1)$

Slope =

8) $(-4, 1)$ and $(-5, -3)$

Slope =

9) $(4, 2)$ and $(4, 6)$

Slope =

10) $(-3, 1)$ and $(-3, -4)$

Slope =

11) $(0, -7)$ and $(-1, -3)$

Slope =

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

Slope =

13) $(-2, 4)$ and $(5, 1)$

Slope =

14) $(7, 1)$ and $(-4, 0)$

Slope =

15) $(1, 8)$ and $(-1, -8)$

Slope =

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Answers:

1) $(3, 5)$ and $(-2, -2)$ Slope = $\frac{7}{5}$	2) $(4, -1)$ and $(-5, 9)$ Slope = $-\frac{10}{9}$	3) $(8, -5)$ and $(4, -2)$ Slope = $-\frac{3}{4}$
4) $(1, 6)$ and $(-7, 2)$ Slope = $\frac{1}{2}$	5) $(0, 3)$ and $(7, 3)$ Slope = 0	6) $(-8, 2)$ and $(-2, -6)$ Slope = $-\frac{4}{3}$
7) $(-7, 4)$ and $(-2, -1)$ Slope = -1	8) $(-4, 1)$ and $(-5, -3)$ Slope = 4	9) $(4, 2)$ and $(4, 6)$ Slope = <i>Undefined</i>
10) $(-3, 1)$ and $(-3, -4)$ Slope = <i>Undefined</i>	11) $(0, -7)$ and $(-1, -3)$ Slope = -4	12) $(2, -1)$ and $(-2, -1)$ Slope = 0
13) $(-2, 4)$ and $(5, 1)$ Slope = $-\frac{3}{7}$	14) $(7, 1)$ and $(-4, 0)$ Slope = $\frac{1}{11}$	15) $(1, 8)$ and $(-1, -8)$ Slope = 8