

Name: _____

Score: _____

Slope: Two-Point Formula

Find the slope using two-point formula.

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

Slope =

2) $(-3, 3)$ and $(7, 6)$

Slope =

3) $(-1, -9)$ and $(5, -6)$

Slope =

4) $(-4, 9)$ and $(-5, 8)$

Slope =

5) $(8, -3)$ and $(-7, -1)$

Slope =

6) $(-5, 3)$ and $(2, 6)$

Slope =

7) $(8, 5)$ and $(-9, 5)$

Slope =

8) $(-7, 2)$ and $(5, 1)$

Slope =

9) $(-4, 3)$ and $(-4, -7)$

Slope =

10) $(-6, 1)$ and $(3, 5)$

Slope =

11) $(1, -9)$ and $(1, -6)$

Slope =

12) $(-8, -3)$ and $(-4, 2)$

Slope =

13) $(2, 3)$ and $(7, -6)$

Slope =

14) $(1, -8)$ and $(5, 3)$

Slope =

15) $(3, -9)$ and $(-4, -9)$

Slope =

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Answers:

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