



Multiple Choice

Name _____

Score _____

SL:23

- 1) Which of the following pair of points has a slope -10 ?
a) $(2, -8), (-1, 0)$ b) $(-1, -8), (0, 2)$ c) $(0, -8), (-1, 2)$

- 2) The slope of the line that passes through the points $(3, 4)$ and $(-1, -5)$ is
a) $\frac{9}{4}$ b) $\frac{5}{4}$ c) $\frac{7}{4}$

- 3) The slope of a line passes through the points $(-1, -2)$ and $(-3, n)$ is 4 , find the value of n .
a) $n = -11$ b) $n = -10$ c) $n = -12$

- 4) If a line passes through the points $(0, 0)$ and $(-4, -12)$, find the slope of a line.
a) 2 b) 3 c) 4

- 5) If the slope of a line is zero, then the line is parallel to
a) x -axis b) y -axis

- 6) The slope of a vertical line is
a) zero b) undefined



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Answer key

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1) Which of the following pair of points has a slope -10 ?

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b) $(-1, -8), (0, 2)$

c) $(0, -8), (-1, 2)$

2) The slope of the line that passes through the points $(3, 4)$ and $(-1, -5)$ is

a) $\frac{9}{4}$

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3) The slope of a line passes through the points $(-1, -2)$ and $(-3, n)$ is 4 , find the value of n .

a) $n = -11$

b) $n = -10$

c) $n = -12$

4) If a line passes through the points $(0, 0)$ and $(-4, -12)$, find the slope of a line.

a) 2

b) 3

c) 4

5) If the slope of a line is zero, then the line is parallel to

a) x-axis

b) y-axis

6) The slope of a vertical line is

a) zero

b) undefined