

Slope Equation-Warm-Up

Algebra Foundations

Find the slope. $m = \frac{(y_2 - y_1)}{(x_2 - x_1)}$

*Label your points $x_1 y_1$ and $x_2 y_2$.

*Substitute the values into the slope formula above. (Calculate the slope).

<p>Ex.) $(-2,3), (-5,2)$ $(x_1 y_1) (x_2 y_2)$</p> $m = \frac{(2 - 3)}{(-5 - -2)} = \frac{-1}{-3}$ $= \frac{1}{3}$ <p>slope = _____</p>	<p>2) $(3,3), (9,6)$</p> <p>slope = _____</p>	<p>3) $(2,-5), (5,-2)$</p> <p>slope = _____</p>
<p>4) $(-3,3), (-4,2)$</p> <p>slope = _____</p>	<p>5) $(5,3), (9,8)$</p> <p>slope = _____</p>	<p>6) $(2,-3), (7,-2)$</p> <p>slope = _____</p>
<p>7) $(-2,2), (6,2)$</p> <p>slope = _____</p>	<p>8) $(9,3), (-2,6)$</p> <p>slope = _____</p>	<p>9) $(10,-5), (4,-2)$</p> <p>slope = _____</p>

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10) $(-7,-3), (-2,2)$

slope = _____

11) $(8,3), (3,4)$

slope = _____

12) $(6,-3), (5,-5)$

slope = _____

13) $(-2,10), (-9,2)$

slope = _____

14) $(11,3), (-5,6)$

slope = _____

15) $(4,-9), (8,-2)$

slope = _____

16) $(-2,-1), (-3,-2)$

slope = _____

17) $(3,7), (8,6)$

slope = _____

18) $(9,-5), (-2,-1)$

slope = _____