Slope Equation-Warm-Up
Math 8--MLK

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

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

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

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

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

10) (-7,-3), (-2,2)	11) (8,3), (3,4)	12) (6,-3), (5,-5)
slope = _____	slope = _____	slope = _____
13) (-2,10), (-9,2)	14) (11,3), (-5,6)	15) (4,-9), (8,-2)
slope = _____	slope = _____	slope = _____
16) (-2,-1), (-3,-2)	17) (3,7), (8,6)	18) (9,-5), (-2,-1)
slope = _____	slope = _____	slope = _____