

Rate of Change and Slope Assignment

Find the slope and y-intercept of each linear equation given below.

1. $y = 2x + 3$

2. $-y = -5x - 9$

3. $y = -2.5x - 3.01$

4. $y = 1000x - 9003$

Write an equation of a line with the given slope m and y-intercept b .

1. $m = -1, b = 2$

2. $m = 5, b = -10$

3. $m = 0.4, b = 1$

4. $m = -0.01, b = -100$

Write an equation in slope-intercept form of the line that passes through the given points.

1. $(-1, 2)$ and $(0, 0)$

2. $(12, 10)$ and $(16, 8)$

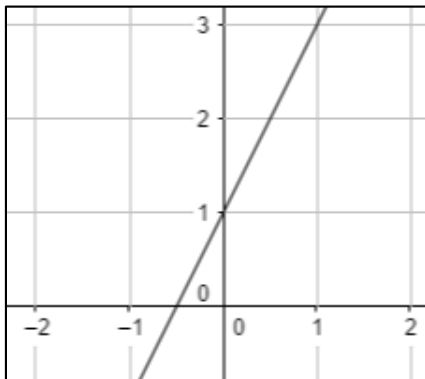
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3. $(0, -1)$ and $(5, 6)$

4. $(2, 8)$ and $(-3, 6)$

Find the slope of each line given below.

1.



2.

