

Rewriting Linear Equations in Slope-Intercept Form
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Rewrite each equation in slope-intercept form and state the slope and y-intercept of the line.

		slope-intercept form	slope	y-intercept
1.	$3x + y = 5$	1. $y = -3x + 5$	-3	(0, 5)
2.	$4x + 2y = 10$	2. $y = -2x + 5$	-2	(0, 5)
3.	$6x + 3y = 18$	3. $y = -2x + 6$	-2	(0, 6)
4.	$4x - y = 7$	4. $y = 4x - 7$	4	(0, -7)
5.	$x + 5y = 2$	5. $y = -\frac{1}{5}x + \frac{2}{5}$	$-\frac{1}{5}$	$\left(0, \frac{2}{5}\right)$
6.	$3x - 2y = 6$	6. $y = \frac{3}{2}x - 3$	$\frac{3}{2}$	(0, -3)
7.	$4x + 8y = 2$	7. $y = -\frac{1}{2}x + \frac{1}{4}$	$-\frac{1}{2}$	$\left(0, \frac{1}{4}\right)$
8.	$-x - y = -2$	8. $y = -x + 2$	-1	(0, 2)
9.	$3x + 3y = 2$	9. $y = -x + \frac{2}{3}$	-1	$\left(0, \frac{2}{3}\right)$
10.	$5x - 2y = 4$	10. $y = \frac{5}{2}x - 2$	$\frac{5}{2}$	(0, -2)

Please visit the Learning Lab for further assistance.