

Fill in the Blanks

Equation of a Straight Line

Equation	Gradient	y-intercept
$y = 2x + 3$	2	(0, 3)
$y = 4x + 3$	4	(0, 3)
$y = 4x - 3$	4	(0, -3)
$y = 2x - 1$	2	(0, -1)
$y = 3x + 5$	3	(0, 5)
$y = x + 2$	1	(0, 2)
$y = 7x$	7	(0, 0)
$y = \frac{1}{2}x - 3$	$\frac{1}{2}$	(0, -3)
$y = \frac{2}{3}x + \frac{4}{3}$	$\frac{2}{3}$	$(0, \frac{4}{3})$
$y = -3x + 6$	-3	(0, 6)
$y = -2x - 1$	-2	(0, -1)
$y = -5x + 2$	-5	(0, 2)
$y = -x$	-1	(0, 0)
$y = -\frac{1}{2}x + 4$	$-\frac{1}{2}$	(0, 4)

Equation	Gradient	y-intercept
$y = -\frac{3}{2}x + 1$	$-\frac{3}{2}$	(0, 1)
$y = -\frac{2}{5}x - \frac{4}{5}$	$-\frac{2}{5}$	$(0, -\frac{4}{5})$
$y = 3x + 6$	3	(0, 6)
$y = 4x + 1$	4	(0, 1)
$y = -2x$	-2	(0, 0)
$y = x - 3$	1	(0, -3)
$y = \frac{1}{3}x - 5$	$\frac{1}{3}$	(0, -5)
$y = -\frac{4}{5}x + \frac{2}{5}$	$-\frac{4}{5}$	$(0, \frac{2}{5})$
$y = -x + 8$	-1	(0, 8)
$2y = 6x - 10$	3	(0, -5)
$y + 2x = 7$	-2	(0, 7)
$6x + 3y = 18$	-2	(0, 6)
$x - 2y = 8$	$\frac{1}{2}$	(0, -4)
$3y = 5x - 6$	$\frac{5}{3}$	(0, -2)