

# Fill in the Blanks

# Equation of a Straight Line

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

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