$y = mx + b$

Equation	Slope	Y-Intercept
$y = \dfrac{2}{3}x - 9$	$\dfrac{2}{3}$	-9
$y = \dfrac{5}{2}x + 4$	$\dfrac{5}{2}$	4
$y = 1x + 4$	$1 = \dfrac{1}{1}$	4
$y = -3$	0	-3

$b = 2$

$m = -\dfrac{1}{2}$

$y = -\dfrac{1}{2}x + 2$

$m = \dfrac{1}{5}$

$b = -5$

$y = \dfrac{1}{5}x - 5$