5x+12y-17=0

x-y=1

(3,2)

0

x+y=5

x-y=0

12x+5y-17=0

x+y=2

STRAIGHT LINES

Equation of straight line

$$y = mx + c$$

Gradient   y-intercept

Determine the gradient and y-intercept from the equation of the line

Equation of line	Gradient	Y-intercept
$y = 3x + 4$		
$y = -2x + 5$		
$y - 5x = 5$		
$y = \dfrac{5x + 15}{5}$		
$\dfrac{y-x}{8} = 0$		
$\dfrac{y-3}{x} = 2$		
$3x + y - 5 = 0$		
$3y - 18x = 0$		