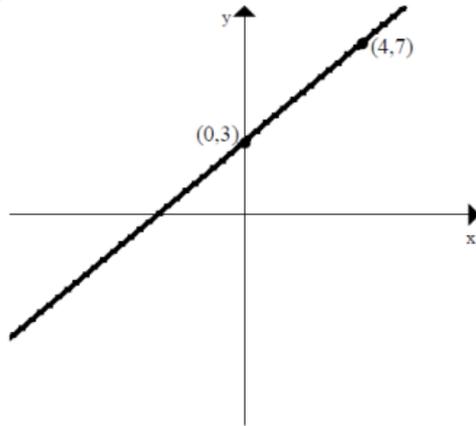


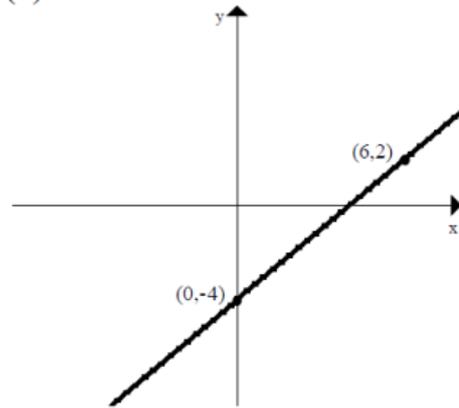
Topic 15 – Straight Line

1. Find the equation of each straight line below.

(a)



(b)



2. Find the gradient and y-intercept of each line.

a $x + y + 3 = 0$

b $x - 2y - 6 = 0$

c $3x + 3y - 2 = 0$

d $4x - 5y + 1 = 0$

3. Find, in the form $y = mx + c$, the equation of the straight line with the given gradient which passes through the given point.

a gradient 3, point (1, 2)

b gradient -1, point (5, 3)

c gradient 4, point (-2, -3)

d gradient -2, point (-4, 1)

e gradient $\frac{1}{3}$, point (-3, 1)

f gradient $-\frac{5}{6}$, point (9, -2)