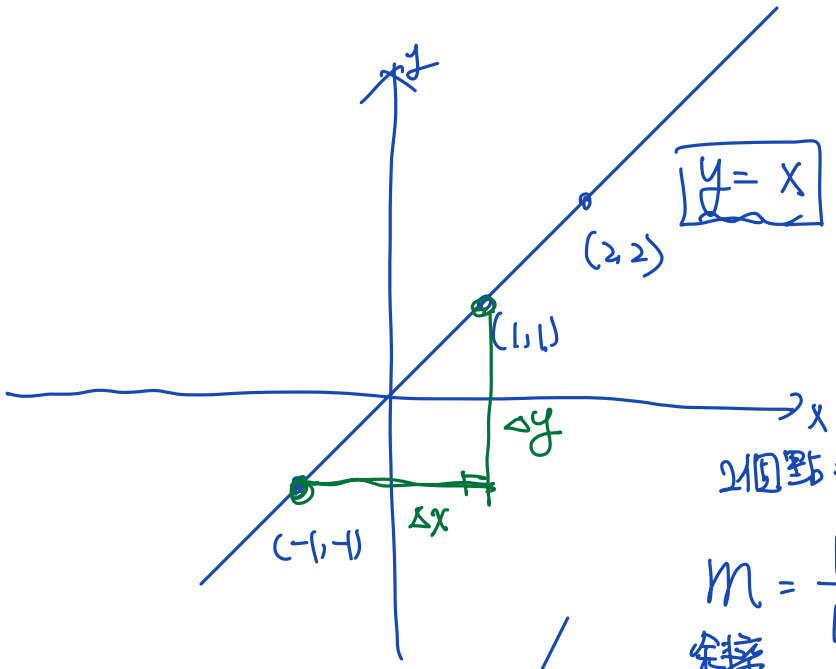


$y=x$ { 斜=1, 截0, 過(0,0)

2個點: (x_1,y_1) 與 (x_2,y_2)

$m=\frac{1-(-1)}{1-(-1)}=\frac{2}{2}=1=\frac{y_2-y_1}{x_2-x_1}=1$

斜率。求出直線方程式

Step1: $m=2$

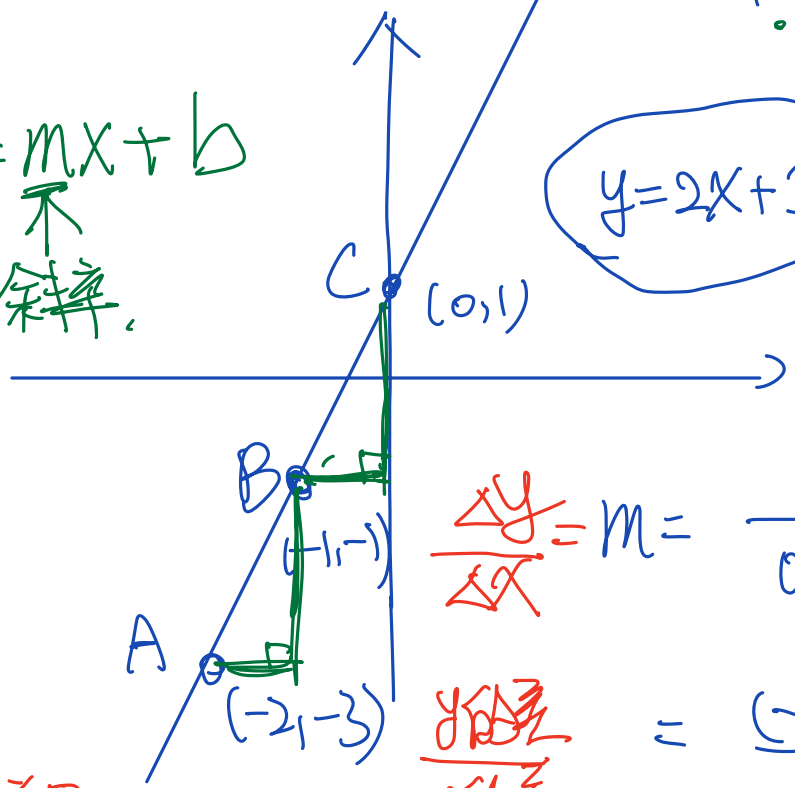
$y=mx+b$

斜率。

$y=2x+1$

Step2: $y=2x+1$

(x代入0時y是1)



$\frac{\Delta y}{\Delta x}=m=\frac{1-(-1)}{0-(-1)}=\frac{2}{1}=2$ (B和C)

$\frac{y的差}{x的差}=\frac{(-1)-(-3)}{(-1)-(-2)}=\frac{2}{1}=2$ (B和A)

差異

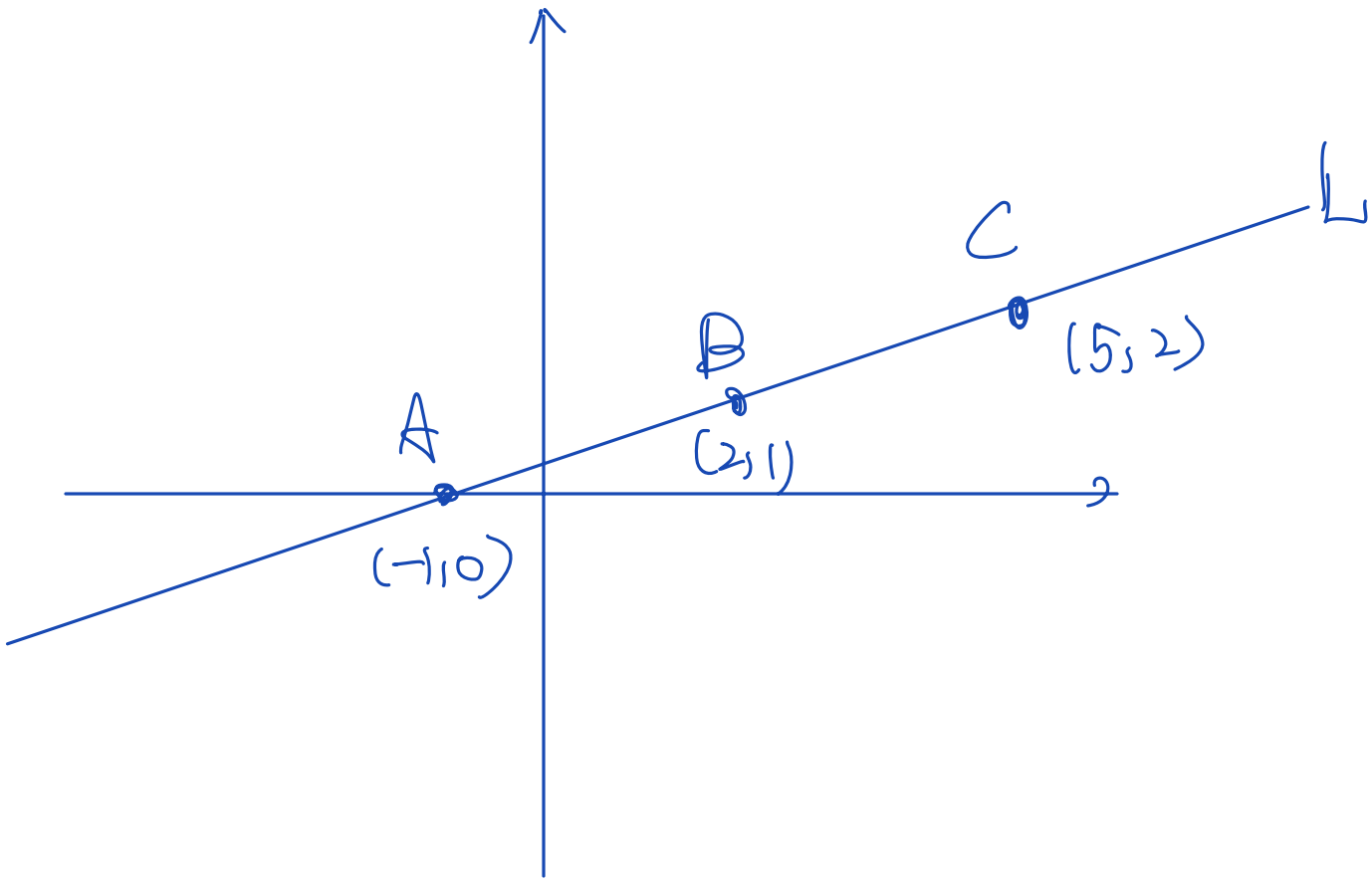
$\Delta x=x_2-x_1$

末X-初X

$=\frac{1-(-3)}{0-(-2)}=\frac{4}{2}=2$ (C和A)

Difference 差異

$=\frac{-3-1}{-2-0}=\frac{-4}{-2}=2$ (A和C)



① L的斜率 m = ?

② 用A, B算 m = 用B, C算 m = 用AC算 m

③ L的方程式.

$$0 = -\frac{1}{3} + b$$

$$+\frac{1}{3} \quad +\frac{1}{3}$$

$$\frac{1}{3} = b.$$