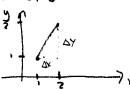
Notes:

GRADIENT

FIND THE GRADIEN OF THE LINE BETWEEN POINTS (1,1) AND (2,3)

1) PICTURE



2) FORMULA

3) SUB IN VALUES

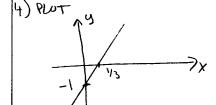
$$\frac{\Delta Y}{\Delta x} = \frac{2-1}{2-1} = \frac{2}{1} = 2$$

PLOTING Y=MX+C

2)
$$y=0 \Rightarrow 0=3x-1$$

 $y=x$

3) TWO POINTS ON LINE APRE (0,-1) AMD (Y3,0)



FINDING THE EQUATION OF A

FIND THE EQUATION OF A LINE THROVOH (2,5) WITH EMPOIEN 5

1) WELTE EQUATION Y= MOSC+ C

3) SUB. IN (2,5) INTO EQUATION

5 = 5,2 + C

$$5-10 = C$$

4) WHITE EQUATION OF LINE y = 5x - 5

FINDING THE EQUATION OF A

UNE 2

LHUMCH SOINLZ (111) VND (525)

- 1) FNO CHADIENT OF LINE
- 2) USE THE ABOVE TO FIND Y=MX+C

GRAPIENT + INTERCEPT OF A

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FIND THE CRADIUM + Y INTEREPT OF y=(3)x+5)

- 1) INTERMENT = 5
- 2) GRADIENT = 3

Comments:

, MUST BE SURE TO PULL ALL THE STOPS ABOVE