1 L Line segment, 
$$P_1 = (16, 13)$$
,  $m = 3/8$   
 $P_2 = (8, 10)$ ,  $C = 7$ 

$$y = \frac{3}{8}m + 7$$
  $x_1 = 16$   $y_1 = 13$   $x_2 = 8$   $y_2 = 10$ 

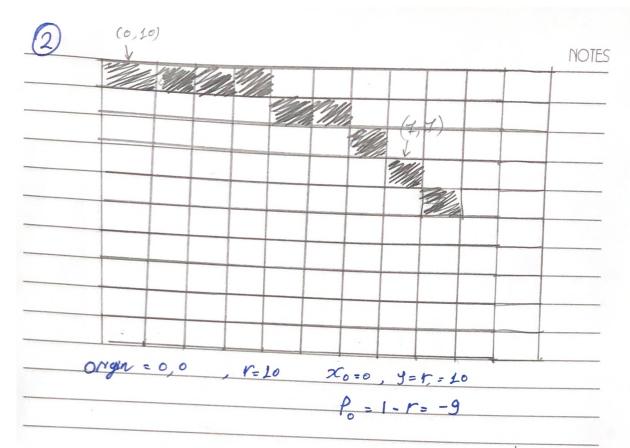
a) 
$$dx = x_2 - x_1$$
  $dy = y_2 - y_1$   
 $dx = -8$   $dy = -3$ 

$$\mathcal{X}_{inc} = \frac{dx}{steps} = -1$$

$$y_{inc} = \frac{dy}{steps} = -\frac{3}{8}$$

K	Xk		yk	yk+1
0	8	70110	10	10.375
1	g		10.375	10.75
2	10		10.75	11.125
3	1		11.125	11.5
4	12	M	11.5	11.875
5	13		11.875	12.25
6	14		12.25	12.625
4	16		12,629	13
8	16		13	13.375
0			,	
e				

Nile



K	PK	$x_k$	1 yk	Xx+	1 YK+1	Move
0	-9	0	10	1	110	E
1	-6	1	10	12	10	E
2	-1	2	10	3.	10	E
3	6	3	10	4	9	SE
4	-3	4	9	5	9	5
5	8	5	9	6	8	SE
6	5	6	8	7	7	SE
7	6	7	7	8	6	SE
1						

Nile

11 17 1

3