DISTIQUES

2 x 2

3x + 3 y = 1 2x - 3y = 8

3 1 1 2 -3 8

1 3 1 3

1 3 1 1

y + 3x = 1 x = 11/18

K= J

y + 3x = 1  $y + 3 \cdot 1 = 1$  $5 = \{1, -2\}$ 

y= J-3. y= -2

Oy + dax = dd

3 × 3

x + 2y - 2z = -5 2x - 3y + z = 93x - y + 3z = 8

5= {1,-2,3}

 $DAB = \sqrt{(x_{8}-x_{A})^{2} + (y_{8}-y_{A})^{2}}$   $DAB = \sqrt{(-12)^{2} + (-12)^{2}}$   $DAB = \sqrt{(-12)^{2} + (-12)^{2}}$ 

## 2. CALCULAR AB, AC & BC

AB:  $d^2 = (-2-1)^2 + (1-5)^2$   $d^2 = (-3)^2 + (-4)^2$   $d^2 = 9 + 36$   $d = \sqrt{25}$ d = 5.

AC:  $d^2 = (4-1)^2 + (1-5)^2$   $d^2 = 3^2 + (-4)^2$   $d^2 = 9 + 36$   $d = \sqrt{25}$ d = 5

BC:  $d^2 = (4-(-2))^2 + (1-1)^2$   $d^2 = (4+2)^2$   $d^2 = 6^2$   $d = \sqrt{36}$ d = 6

P= 5+5+6 P= 16

3. 
$$M_{x} = -\frac{2+5}{2}$$
  
 $M_{x} = 3/2$ 

$$M_{y} = \underline{1} + \underline{3}$$
 $M_{y} = 4/4$ 
 $M_{y} = 1$ 

$$dAM^{2} = (3/2 - 2)^{2} + (2 - (-3))^{2}$$

$$dAM^{2} = (-1/2)^{2} + 5^{2}$$

$$dAM^{2} = -1/4 + 25$$

$$dAM^{2} = -1/4 + 25$$

$$dAM^{2} = -1/4 + 25$$

$$dAM = -1/4 + 25$$

5. 
$$M_{AB} = \begin{pmatrix} 3 + (-1) & 5 + 3 \\ 2 & 2 \end{pmatrix}$$

$$M_{AB} = \left(\frac{2}{2}, \frac{8}{2}\right) = \left(1, 2\right)$$