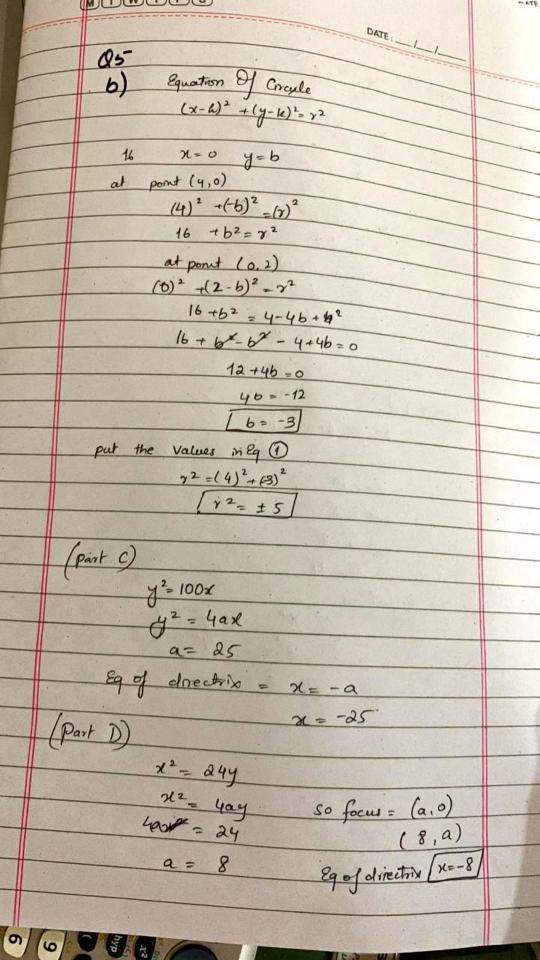


MTWTFS DATE : ___/__/_ Now Put 1 à (1)2-5+4-0 80th points hence Satisfy the Equation **(b)** i) AD = 00 - 0A [3]-[3]=[5] Ti = (1i +4j-k) + 5 (41+j+k)+ + (-5i+3j ii) 1 = 7 = 0A + AAB +4AD When 2 = 4 AD - [7] - [7] - [-5] AZ = 5 8A [x]-[]+x[4]+u[-5] x = 7+ 41 - 54 y = 7-3+43 Z= -1 +2+54 8 3 (1) \$ 8(3) y = u - 1 +34 Z = 1 + x + 54 4+2 = 3+8w - (iv) y= 4-1+34 Now uy = 16 -4A +124 -8 1 \$ 8 V x + uy = 23+ 24

DATE 1.1.

(a)
$$\frac{1}{|a|} = \sqrt{1! + \left(\frac{2}{a^2}\right)^2} = \frac{1}{4 \cdot 3}$$
 $\frac{1}{|a|} = \sqrt{1! + \left(\frac{2}{a^2}\right)^2} = \frac{1}{4 \cdot 3 \cdot 49}$
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Dof product = $\frac{1}{4 \cdot 49} = \frac{1}{4 \cdot 49}$
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 $\frac{1}{|a|} = \sqrt{1! +$



DATE : __/_

$$(part e) (x)^2 (y)^2 = 1$$

$$\frac{\chi^2}{a^2} + \frac{y^2}{b^2} = \frac{\chi^2}{5^2} + \frac{y^2}{4^2}$$

$$c = \sqrt{a^2 b^2} = \sqrt{59 - (4)^2}$$

$$F_1 = (3,0)$$

$$F_2 = (-3.0)$$

length Of Hajor 2a
 $2(5) = 10$

Equation .

$$\frac{x^2}{5^2} + \frac{y^2}{4^2} = 1$$