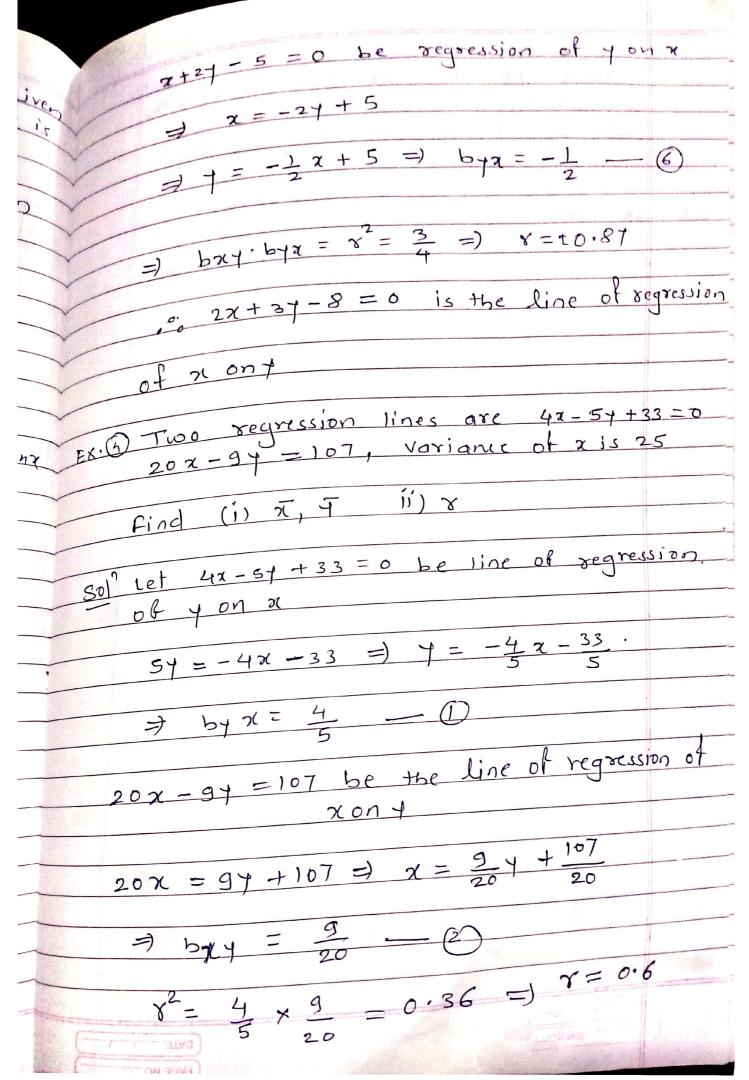
Dr. & mut of the days regression equals
by $2 + 24 - 8 = 0$ which
the service of second
by x+2y-5=0, 2x+3y-8=0 which one the segression equation of x on y
Sol? Suppose that $x+2y-5=0$ is regregsion of $x$ on $y$
of that x +27 3 = 0 13 segre 4510
of a ony
$\exists x = 0$
$\exists x = -24 + 5 - 0$
Regression coefficient x on y
Just Coet Ficient & on 1
6xy = y 6x = -2
Let $2x + 3y - 8 = 0$ be regression eq. of $y_{int}$
Etts7-8=0 be regression eggo
$\exists 34 = -3 \times + 2$
$\frac{1}{3} = -2\chi + 8 = \frac{1}{3} = -2 \times \frac{1}{3} = \frac{1}{3}$
Regressia 3
Regression coefficient you x,
b1x = x.6x
$\frac{6\gamma}{6x} = \frac{2}{3} = \frac{2}{3}$
from (2) + (3)
bxp. byx = $x^2 = 4 = \pm 1.15$ which is
bot is
not possible · · -1 < E < )
Mow suppose $2x + 3y - 8 = 0$ be regression ego of $x = 0$
regression egg of x on y
X Or)
$\Rightarrow 2x = -3\gamma + 8 \Rightarrow bxy = x \frac{6x}{6x} - \frac{3}{2}$
=)  bx = x 6x = 3
00, 2
ON BOW4
No. of the second secon
(NACE NO.



Solving  $4x-5y=-33 \neq 20x-9y=107$ =) x = 13, y = 17Ex. 30 +1000