

$$\begin{cases} x+2y=5 \\ x^2+2xy-3y^2=-7 \end{cases} \Rightarrow \begin{cases} x=5-2y \\ (5-2y)^2+2(5-2y)y-3y^2+7=0 \end{cases}$$

$$25+20y+4y^2+20y-4y^2-3y^2+7=0$$

$$3y^2=32$$

$$y = \pm \sqrt{\frac{32}{3}} = \pm 4\sqrt{\frac{2}{3}}$$

$$x =$$

$$25-20y+4y^2+10y-4y^2-3y^2+7=0$$

$$3y^2+10y-32=0$$

$$D=100+384=22^2$$

$$y_1 = \frac{-10-22}{6} = -\frac{32}{6} = -\frac{16}{3}$$

$$y_2 = \frac{-10+22}{6} = 2$$

$$x_1 = 5 + \frac{2 \cdot 16}{3} = \frac{15+32}{3} = \frac{47}{3}$$

$$x_2 = 5 - 2 \cdot 2 = 1$$

$$\text{Orbem: } (1, 2) \vee \left(\frac{47}{3}, -\frac{16}{3}\right)$$

$$N_1 = \frac{12+28}{2} = 20 \text{ ps/rae}$$

$$D = 144 + 640 = 784 = 28^2$$

$$N_1^2 - 12N_1 - 160 = 0$$

$$3N_1^2 - 12N_1 - 160 = 0 \quad | :3$$

$$3N_1^2 - 12N_1 - 160 = 0 \quad | :3$$

$$3N_1^2 - 12N_1 - 160 = 0$$

$$N_1^2 - 4N_1 - 12 = 144$$

$$N_1^2 - 4N_1 - 12 = 144$$

$$N_1^2 - 4N_1 - 12 = 144$$

$$\text{Orbem: } \text{negativ} - 20 \text{ ps/rae}$$

$$N_2 = 20 - 4 = 16 \text{ ps/rae}$$

$$N_2 = N_1 - 4$$

$$N_1 = N_2 + 4 = 120 \Rightarrow N_1 = 120$$

$$\frac{(a-5)^2(a+5) \cdot (a-20)}{-2(a-20) \cdot (a-5)^2} = -\frac{2}{a+5} \neq -\frac{2}{a+5}$$

$$\frac{(a-5)^2(a+5)}{a^2-5a-a^2-5a+8a+40} = \frac{(a-5)^2(a+5)}{40-20} = \frac{(a-5)^2(a+5)}{20}$$

$$\text{Orbem: } x \in \mathbb{R}, \text{ yout } x = \frac{1}{3}$$

$$D = 100 - 36 = 64 = 8^2$$

$$D3: 3x^2 - 10x + 3 \neq 0$$

4) korp gram $m \neq 0,5 \text{ t}$. we more power mung