

3) (Ppobepka

(10, 6):
$$\int \sqrt{108.10} \cdot \sqrt{16} + \sqrt{4} = 6 = 6$$
 $\int \sqrt{20.6} \cdot \sqrt{16} - \sqrt{4} = 2 = 2$

(-10, 6) - Ozebugno ne nogxoguñ, T.K.

 $X+y>0$

Otber: (10, 6)

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$$\int 2t = a - 1 \qquad \int a = 2t + 1 \qquad \int a = 3 \\
t^2 = 3a - 8 \qquad \int t^2 - 6t + 5 = 0 \qquad \int t = 5 \\
a = 1$$
Other: Eq. peur. upu $a = 3$ unu $a = 11$

$$\int x^3 \qquad \int x + 5y = -5 \qquad (1)$$

$$\int x^2 + 16xy + 64y^2 - 12ax - 96ay + 45a^2 + 66a + 121 = 0 \qquad (2)$$
1) Paccrearpun (2):
$$(x + 5y)^2 - (1a(x + 8y) + 45a^2 + 66a + 121 = 0)$$

$$t^2 \qquad t^2 - (2at + 45a^2 + 66a + 121 = 0)$$

$$2/4 = 36a^2 - 45a^2 - 66a - 121 = -(3a + 11)^2 \le 0$$

$$2 \qquad 4 = 01 \Rightarrow a = -\frac{11}{3} \quad \text{unax}$$

$$4 = 01 \Rightarrow a = -\frac{11}{3} \quad \text{unax}$$

$$4 = 6a = -22 - \text{npolepun Syzyr un coprus}$$
2) Tonyum cuserny

$$\begin{cases} X + Sy = -5 \\ 2x + 6y = -12 \end{cases}$$

$$\int_{Pobepun} Teoperuy: 1 \cdot 8 - 5 \cdot 1 \neq 0 \Rightarrow cycy. eg.$$

$$pewerue (uni moxno 56100 pewert cuesery)$$

$$O7 ker: a = -\frac{11}{3}$$

$$\int_{Vi(x-y)} V_{y-x} = 1$$

$$17 \sqrt{y-x} + 6y - 26x = 3$$

$$1) Cgenoeri janeny:$$

$$U = Vi(x-y) \Rightarrow 0, \ \nabla = \sqrt{y-x} \Rightarrow 0$$

$$fyu \Rightarrow 7001$$

$$6y - 26x = 4(y-x) - 2(1(x-y) = 4\sqrt[3]{-22}^2$$

$$2) \text{Tiorgo ucxognar cuerera}$$

$$\int_{V} U - \sqrt[3]{-2} = 1$$

$$12\sqrt[3]{+3\sqrt[3]{-5}} = 0$$

$$\int_{V} U = \sqrt[3]{+1}$$

$$12\sqrt[3]{+3\sqrt[3]{-5}} = 0$$

$$\int_{V} U = \sqrt[3]{-5} = 1$$

$$(U=2) | \sqrt{||x-y||^2} | \sqrt{||x-y||^2} | \sqrt{|x-y||^2} | \sqrt{|x$$

a)
$$\sqrt{x+y} = x \ge 0$$
, $\sqrt{x+y} = x \ge 0$, $\sqrt{x+y}$

$$\begin{cases} x_{1}=1-\mu e & n \ge g \times \\ x_{2}=6 & (=) & \begin{cases} y=30 & y=6 & 0.023 \\ 4x+6=y & \end{cases} \\ 4x+6=y & \end{cases}$$

$$\begin{cases} y=30 & y=6 & 0.029 \\ 4x+6=y & \end{cases}$$

$$\begin{cases} y=30 & y=6 & 0.029 \\ 4x+6=y & \end{cases}$$

$$\begin{cases} y=30 & y=2 & \end{cases} \\ \begin{cases} y=30 & \end{cases} \\ \begin{cases} y=30 & y=2 & \end{cases} \\ \begin{cases} y=30 & \end{cases} \\ \begin{cases} y=30 & y=2 & \end{cases} \\ \begin{cases} y=30 & y=2 & \end{cases} \\ \begin{cases} y=30 & y=2 & \end{cases} \\ \\ y=30 & \end{cases} \\ \end{cases} \\ \begin{cases} y=30 & y=2 & \end{cases} \\ \\ y=30 & \end{cases} \\ \end{cases} \\ \begin{cases} y=30 & y=2$$

M6 (Pujtex, 2022)

$$X - 2y = \sqrt{xy}$$
 (1)

 $X + y^2 = 5$ (2)

1) Pacchet pun (1):

 $X - 2y > 0$
 $X -$

Yeurosbas (*) janucubaen orber

Orber: $\left(\frac{-1-\sqrt{2}I}{2}, \frac{-1-\sqrt{2}I}{2}\right)$, $\left(4,1\right)$

- npobepsen (nogerl. bucx. cucr.) => gencol. peur (1): Q4 = - 32 < 0 - KET PELL Orber: (2,-2), (-2,2)