

N:1

$$\alpha) \begin{cases} x - \frac{1}{x} = 0 \\ y - \frac{1}{x} = 1 \end{cases}$$

$$\Rightarrow \begin{cases} x - \frac{1}{y} \\ y - \frac{1}{x} = 1 \end{cases} \Rightarrow \begin{cases} x = \frac{1}{y} \\ y - \frac{1}{y} = 1 \end{cases}$$

$$\begin{aligned} \frac{y}{y} - \frac{1}{y} &= 1 \\ y - 1 &= 1 \\ y &= 2 \end{aligned}$$

$$\begin{aligned} x - \frac{1}{2} &= 0 \\ x &= \frac{1}{2} \\ x &= 0,5 \end{aligned}$$

$$\beta) \begin{cases} x - \frac{1}{y} = 1 \\ y - \frac{1}{x} = 2 \end{cases}$$

$$\Rightarrow \begin{cases} x - \frac{1}{y} = 1 \\ y = 2x + 1 \end{cases}$$

$$x - \frac{1}{2x+1} = 1$$

$$2x^2 + x - 1 = 0$$

$$D = 1 + 4 \cdot 2 \cdot 1 = 9 = 3^2$$

$$x_{1/2} = \frac{-1 \pm 3}{4} = \frac{-1}{2}$$

$$y - \frac{1}{-1} = 2$$

$$y = 1$$

N:2

a) жоқ

б) 95

$$95 : 11 = 8 \text{ (7 қалдық)}$$

$$95 : 48 = 2 \text{ (11 қалдық)}$$

N:3

a) жоқ

$$\delta) BC = 6 \text{ см}$$

$$AC = 6 \text{ см}$$

$$AB = 12 \text{ см}$$