

$$1) x - \begin{cases} x - \frac{1}{y} = 0 \\ y - \frac{1}{2} = 1 \end{cases} \Rightarrow \begin{cases} x = 1 + 0,5x \\ y = 1 + \frac{1}{x} \end{cases}$$

$$x - 1 - 0,5x = 0$$

$$x - 0,5x = 1$$

$$0,5x = 1$$

$$x = \frac{1}{0,5} = 2$$

$$y = 1 + \frac{1}{2} = \frac{1}{1} + \frac{1}{2} = \frac{2+1}{2} = \frac{3}{2} = 1,5$$

Әуеет: $(2, 1,5)$

$$1) - \delta \begin{cases} x - \frac{1}{y} = 1 \\ y - \frac{1}{x} = 2 \end{cases} \Rightarrow \begin{cases} x = 1 + 0,5x \\ y = 2 + \frac{1}{x} \end{cases}$$

$$x = 1 + 0,5x$$

$$x - 1 - 0,5x = 0$$

$$x - 0,5x = 1$$

$$0,5x = 1$$

$$x = \frac{1}{0,5} = 2$$

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

Әуеет: $(2, \frac{5}{2})$

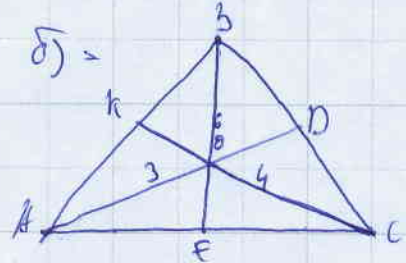
2) α - неге сүң.

δ - га, зто зило 95°

$$\begin{array}{r} 95 \angle 42 \\ - 84 \quad 2 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 95 \angle 11 \\ - 88 \quad 8 \\ \hline 7 \end{array}$$

3) α - неге сүң.



Доғо

$$k = 4$$

$$AD = 3$$

$$BF = b$$

Нейтте: AD, BC, CA

Шешіме.

Көңәл көңәте делет себе не $\frac{1}{2}$

$$\Delta BOC \rightarrow OC = 2$$

$$BO = 3$$

$$BC = \sqrt{2^2 + 3^2} = \sqrt{4 + 9} = \sqrt{13}$$

$$\Delta BOA \rightarrow AO = 1,5$$

$$BO = 3$$

$$AB = \sqrt{1,5^2 + 3^2} = \sqrt{2,25 + 9} = \sqrt{11,25}$$

$$AC =$$

$$BC = \frac{1}{2} \text{ om } BC$$

$$OC = \frac{\sqrt{13}}{2} = \sqrt{3,25}$$

$$AD =$$

$$AD =$$

$$AC = \sqrt{3^2 + (\frac{\sqrt{13}}{2})^2} = \sqrt{9 + 3,25} = \sqrt{12,25}$$