

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

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

$$a) \begin{cases} \frac{x}{12} = x \cdot \frac{4}{12} \\ \frac{x}{42} = x \cdot \frac{11}{42} \end{cases} \Rightarrow \begin{cases} \frac{x}{12} - x \cdot \frac{4}{12} = 0 \\ \frac{x}{42} - x \cdot \frac{11}{42} = 0 \end{cases} \Rightarrow \begin{cases} x - 4x = 0 \Rightarrow -3x = 0 \Rightarrow x = 0 \\ x - 11x = 0 \Rightarrow -10x = 0 \Rightarrow x = 0 \end{cases}$$

$$b) \begin{cases} \frac{x}{11} = x \cdot \frac{4}{11} \\ \frac{x}{42} = x \cdot \frac{11}{42} \end{cases} \Rightarrow \begin{cases} \frac{x}{11} - x \cdot \frac{4}{11} = 0 \\ \frac{x}{42} - x \cdot \frac{11}{42} = 0 \end{cases} \Rightarrow \begin{cases} x - 4x = 0 \Rightarrow -3x = 0 \Rightarrow x = 0 \\ x - 11x = 0 \Rightarrow -10x = 0 \Rightarrow x = 0 \end{cases}$$

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а) жоқ

б) жоқ

$$3 + 4 + 6 = 13$$

$$13 \cdot 2 = 26$$

$$26 = 3x + 4x + 6x$$

$$26 = 13x$$

$$x = 2$$

$$3x = 6 \quad 6x = 12$$

$$4x = 8$$