

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

$\Leftrightarrow$

$$\begin{cases} x + \frac{1}{2}y = \frac{1}{2} \\ \frac{3}{2}y = \frac{1}{2} \end{cases}$$

$\Leftrightarrow$

$$\begin{cases} x = \frac{1}{3} \\ y = \frac{1}{3} \end{cases}$$

