4 Ucchegobamb HA экстремум функцию
$$Z = x + xy + y^{2} - 6x - 9y$$

$$\frac{\partial z}{\partial x} = 2x + y - 6 \qquad \frac{\partial z}{\partial y} = x + 2y - 9$$

$$\begin{cases} 2 \times 4 & y - 6 = 0 \\ \times 4 & 2 & y - 9 = 0 \end{cases} = \begin{cases} 1 \times 2 & x = 9 - 8 = 1 \\ 1 \times 4 & 2 & y = 9 \end{cases} = \begin{cases} 1 \times 2 & x = 9 - 8 = 1 \\ 1 \times 4 & y - 9 = 0 \end{cases} = \begin{cases} 1 \times 4 & x = 9 - 8 = 1 \\ 1 \times 4 & y = 9 \end{cases} = \begin{cases} 1 \times 4 & x = 9 - 8 = 1 \\ 1 \times 4 & y = 9 \end{cases}$$

$$\begin{cases} 1 \times 4 & y = 1 \\ 1 \times 4 & y = 1 \end{cases} = \begin{cases} 1 \times 4 & x = 1 \\ 1 \times 4 & y = 1 \end{cases}$$