

For unique solution, $\frac{a_1}{a_2} \neq \frac{b_1}{b_2}$ for a given equation of the form

$$a_1x + b_1y + c_1 = 0; \quad a_2x + b_2y + c_2 = 0$$

$$kx - y - 2 = 0; \quad 6x - 2y - 3 = 0$$

$$a_1 = k, \quad a_2 = 6 \text{ and } b_1 = -1, \quad b_2 = -2$$

$$\frac{k}{6} \neq \frac{1}{2}; \quad k \neq 3$$

For $k \neq 3$ the equations have unique solution.