

(1) Bis zu welcher Strecke ist Taxi A günstiger, bzw. ab welcher Strecke ist Taxi B günstiger?

- a) Taxi A: 3 Fr./km + 4 Fr. Fixbetrag / Taxi B: 2.5 Fr./km + 6 Fr. Fixbetrag
 b) Taxi A: 3 Fr./km + 4 Fr. Fixbetrag / Taxi B: 2.5 Fr./km + 6.2 Fr. Fixbetrag

(2) Finde die Lösung des Gleichungssystems.

a)
$$\begin{array}{l} (I) \left| y = 3 - x \right. \\ (II) \left| y = x + 1 \right. \end{array}$$

c)
$$\begin{array}{l} (I) \left| x = 2 - y \right. \\ (II) \left| x = 3 - 2y \right. \end{array}$$

b)
$$\begin{array}{l} (I) \left| y = x - 6 \right. \\ (II) \left| y = 2 - x \right. \end{array}$$

d)
$$\begin{array}{l} (I) \left| x = y + 1 \right. \\ (II) \left| x = -4 - y \right. \end{array}$$

(3) Finde die Lösung des Gleichungssystems.

a)
$$\begin{array}{l} (I) \left| y = 3 - x \right. \\ (II) \left| y = x - 3 \right. \end{array}$$

c)
$$\begin{array}{l} (I) \left| y = \frac{1}{3} \cdot x + 1 \right. \\ (II) \left| y = 5 - x \right. \end{array}$$

b)
$$\begin{array}{l} (I) \left| y = \frac{3}{2} \cdot x - \frac{5}{2} \right. \\ (II) \left| y = \frac{3}{2} \cdot x \right. \end{array}$$

d)
$$\begin{array}{l} (I) \left| 2y = \frac{1}{2} \cdot x + 2 \right. \\ (II) \left| 2y = -x - 1 \right. \end{array}$$

(4) Finde die Lösung des Gleichungssystems.

a)
$$\begin{array}{l} (I) \left| 2y = x + 1 \right. \\ (II) \left| x = -y + 2 \right. \end{array}$$

c)
$$\begin{array}{l} (I) \left| x = \frac{y}{2} + 4 \right. \\ (II) \left| 3y = -x - 3 \right. \end{array}$$

b)
$$\begin{array}{l} (I) \left| y = -3x - 2 \right. \\ (II) \left| x = y - 2 \right. \end{array}$$

d)
$$\begin{array}{l} (I) \left| y = x + 2 \right. \\ (II) \left| 2x = 4 - y \right. \end{array}$$

(5) Finde die Lösung des Gleichungssystems.

a)
$$\begin{array}{l} (I) \left| 9x - y = 41 \right. \\ (II) \left| y = 3x - 11 \right. \end{array}$$

c)
$$\begin{array}{l} (I) \left| 8x - 7y = 31 \right. \\ (II) \left| y = 11 - 4x \right. \end{array}$$

b)
$$\begin{array}{l} (I) \left| 3x - 18y = 45 \right. \\ (II) \left| x = 3y \right. \end{array}$$

d)
$$\begin{array}{l} (I) \left| 15x + 13y = 17 \right. \\ (II) \left| x = 5y + 7 \right. \end{array}$$