10 Lineare Gleichungssysteme

Knicke zuerst den Zettel an der Linie um, ohne Dir die Lösungen anzuschauen. Löse alle Aufgaben und vergleiche erst dann Deine Ergebnisse.

Berechne die folgenden linearen Gleichungssysteme mit zwei Unbekannten.

$$\left|\begin{array}{r} -9x - 65.7 = 7y \\ 4x = -1y - 21.6 \end{array}\right| \qquad L = \{-4.5|-3.6\}$$

$$\left|\begin{array}{r} 9x = 7y + 33.2 \\ -1y = -8x + 78.6 \end{array}\right| \qquad L = \{11|9.4\}$$

$$\left|\begin{array}{r} 9x - 5y = 50.7 \\ -6x + 5y = -36.3 \end{array}\right| \qquad L = \{4.8|-1.5\}$$

$$\left|\begin{array}{r} -3x + 5y = -27.3 \\ -54.6 = -6x - 4y \end{array}\right| \qquad L = \{9.1|0\}$$

$$\left|\begin{array}{r} 63.9 = -5x - 6y \\ 4x = 6y + 45 \end{array}\right| \qquad L = \{-2.1|-8.9\}$$

$$\left|\begin{array}{r} 24 = -3x + 6y \\ 1y + 45.4 = 7x \end{array}\right| \qquad L = \{7.6|7.8\}$$

$$\left|\begin{array}{r} 2y = -6x - 77 \\ -158.5 = 7x + 9y \end{array}\right| \qquad L = \{-9.4|-10.3\}$$

$$\left|\begin{array}{r} 7x = 8y + 117.2 \\ -3x + 2y = -42.8 \end{array}\right| \qquad L = \{10.8|-5.2\}$$

$$\left|\begin{array}{r} -5x - 4y = 2.4 \\ -1y = -1x - 9.3 \end{array}\right| \qquad L = \{-4.4|4.9\}$$

$$\left|\begin{array}{r} -1x - 14.8 = -5y \\ 1x = -5y - 0.8 \end{array}\right| \qquad L = \{-7.8|1.4\}$$

$$\left|\begin{array}{r} 9x + 3y = 22.8 \\ -6x = -6y - 19.2 \end{array}\right| \qquad L = \{2.7|-0.5\}$$

$$\left|\begin{array}{r} 5x - 1y = 32.2 \\ 8x - 56.2 = -1y \end{array}\right| \qquad L = \{6.8|1.8\}$$