



## Gleichungssysteme (3x3) I

Löse das Gleichungssystem. Schreibe auf einem Karoblatt.

$$\begin{array}{l} 1. \quad 8x \qquad \qquad = -32 \\ \quad 3x + 3y + 3z = -63 \\ \quad \quad 7y \qquad = -56 \end{array} \qquad \begin{array}{l} x = \underline{\hspace{2cm}} \\ y = \underline{\hspace{2cm}} \\ z = \underline{\hspace{2cm}} \end{array}$$

$$\begin{array}{l} 2. \quad 9x \qquad \qquad = -9 \\ \quad + 7y + 5z = 51 \\ \quad \quad y + z = 7 \end{array} \qquad \begin{array}{l} x = \underline{\hspace{2cm}} \\ y = \underline{\hspace{2cm}} \\ z = \underline{\hspace{2cm}} \end{array}$$

$$\begin{array}{l} 3. \quad 3x + 7y \qquad = -20 \\ \quad \quad - 8z = 56 \\ \quad 4x \quad + 7z = -29 \end{array} \qquad \begin{array}{l} x = \underline{\hspace{2cm}} \\ y = \underline{\hspace{2cm}} \\ z = \underline{\hspace{2cm}} \end{array}$$

$$\begin{array}{l} 4. \quad -7x - 6y \qquad = 34 \\ \quad 4x + 9y + z = -3 \\ \quad 8x \quad + 8z = -5 \end{array} \qquad \begin{array}{l} x = \underline{\hspace{2cm}} \\ y = \underline{\hspace{2cm}} \\ z = \underline{\hspace{2cm}} \end{array}$$

$$\begin{array}{l} 5. \quad 6x + 7y - 8z = 55 \\ \quad -5x + 6y \qquad = 26 \\ \quad 8x \qquad - 3z = -5 \end{array} \qquad \begin{array}{l} x = \underline{\hspace{2cm}} \\ y = \underline{\hspace{2cm}} \\ z = \underline{\hspace{2cm}} \end{array}$$