

LGS (Additionsverfahren)

Name _____ Datum _____

Löse folgende Gleichungssysteme mit Additionsverfahren!

$$\begin{aligned} 1) \quad & 5x - 3y = -4 \\ & -3x + 3y = 0 \end{aligned}$$

$$\begin{aligned} 2) \quad & 5x - 6y = -30 \\ & -5x + 8y = 30 \end{aligned}$$

$$\begin{aligned} 3) \quad & x + 7y = 4 \\ & x - 3y = -6 \end{aligned}$$

$$\begin{aligned} 4) \quad & -2x + 6y = -20 \\ & -3x + 6y = -12 \end{aligned}$$

$$\begin{aligned} 5) \quad & -14x + 12y = -18 \\ & -7x + 6y = -9 \end{aligned}$$

$$\begin{aligned} 6) \quad & -2x + 12y = -5 \\ & x - 6y = 4 \end{aligned}$$

$$\begin{aligned} 7) \quad & 7x - y = 4 \\ & -14x + 2y = -8 \end{aligned}$$

$$\begin{aligned} 8) \quad & -10x - 6y = -1 \\ & 20x + 12y = 8 \end{aligned}$$

$$\begin{aligned} 9) \quad & 4x - 6y = 2 \\ & 7x + 10y = 24 \end{aligned}$$

$$\begin{aligned} 10) \quad & -4x - 2y = -22 \\ & -5x - 3y = -24 \end{aligned}$$

$$\begin{aligned} 11) \quad & -10x + 8y = -14 \\ & 3x + 7y = 23 \end{aligned}$$

$$\begin{aligned} 12) \quad & -7x + 10y = 9 \\ & 3x - 3y = -9 \end{aligned}$$

$$\begin{aligned} 13) \quad & -5x + 7 = -9y \\ & -7y + 7 = -7x \end{aligned}$$

$$\begin{aligned} 14) \quad & 10x + 14 = -2y \\ & -21 - 8x = 3y \end{aligned}$$

$$\begin{aligned} 15) \quad & 18x - 36 = 18y \\ & -24 - 4y = 4x \end{aligned}$$

$$\begin{aligned} 16) \quad & 2x = -4y \\ & 5x + 3y = 0 \end{aligned}$$

$$\begin{aligned} 17) \quad & -22 - y = 4x \\ & -3x - 3y = 30 \end{aligned}$$

$$\begin{aligned} 18) \quad & 2y = 2 + 2x \\ & -18 + 24y = 21x \end{aligned}$$

$$\begin{aligned} 19) \quad & 20 - 10y = 5x \\ & -22 = -20y - 7x \end{aligned}$$

$$\begin{aligned} 20) \quad & 5x - 6 = -3y \\ & -1 - \frac{1}{6}x + \frac{1}{2}y = 0 \end{aligned}$$

$$\begin{aligned} 21) \quad & 2x = 16 - 4y \\ & -6y + 8x = -46 \end{aligned}$$

$$\begin{aligned} 22) \quad & y - \frac{2}{3}x = -1 \\ & -6y = 6 - 5x \end{aligned}$$

$$\begin{aligned} 23) \quad & 5x = -13 + 12y \\ & -y - x = 6 \end{aligned}$$

$$\begin{aligned} 24) \quad & -4y = 12x + 44 \\ & x + 9 = y \end{aligned}$$