MÖGLICHE LÖSUNGEN VON LINEAREN GLEICHUNGSSYSTEMEN

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Frau Meier hilft

$$\left|\begin{matrix}6x + 2y = -8\\ -5x - 3y = 4\end{matrix}\right| \begin{matrix}\cdot 3\\ \cdot 2\end{matrix}$$

$$\left|\begin{matrix}18x + 6y = -24\\ -10x - 6y = 8\end{matrix}\right|$$

$$\left|\begin{matrix}8x = -16\\ 6x + 2y = -8\end{matrix}\right|$$

$$\left|\begin{matrix}x = -2\\ 6x + 2y = -8\end{matrix}\right|$$

NR: $6 \cdot (-2) + 2y = -8$

$2y = 4$

$y = 2$

IL = $\{(-2/2)\}$

$$\left|\begin{matrix}6x + 2y = -8\\ -9x - 3y = 4\end{matrix}\right| \begin{matrix}\cdot 3\\ \cdot 2\end{matrix}$$

$$\left|\begin{matrix}18x + 6y = -24\\ -18x - 6y = 8\end{matrix}\right|$$

$0 = -16$

IL = {}

$$\left|\begin{matrix}6x + 2y = -8\\ -9x - 3y = 12\end{matrix}\right| \begin{matrix}\cdot 3\\ \cdot 2\end{matrix}$$

$$\left|\begin{matrix}18x + 6y = -24\\ -18x - 6y = 24\end{matrix}\right|$$

$0 = 0$

∞ viele Lösungen