

Lineare Gleichungssysteme

Bestimme jeweils die Lösungen des Gleichungssystems!

1.
$$\begin{aligned} 8a + 2c &= -2 \\ 12a + c &= 4 \end{aligned}$$

2.
$$\begin{aligned} 3a + 5b &= 20 \\ 7a - 2b &= 33 \end{aligned}$$

3.
$$\begin{aligned} 4x + 9y + 5z &= 13 \\ -5x + 6y + 3z &= 17 \\ 6x + 3y - 10z &= 23 \end{aligned}$$

4.
$$\begin{aligned} 4a - 2b + 3c &= 30 \\ a + b + c &= 10 \\ 15a - 10b - 10c &= 25 \end{aligned}$$