

## LÖSUNG 1b)

$$\begin{array}{l} \text{I} \quad 2a + 2b + 2c = 10 \\ \text{II} \quad b + c = 4 \\ \text{III} \quad 4c = 6 \end{array}$$

$$\begin{array}{l} \text{III} \quad 4c = 6 \quad | :4 \\ \Leftrightarrow c = \frac{6}{4} = \underline{\underline{1,5}} \end{array}$$

II und III in I:

$$\begin{array}{l} 2a + 2 \cdot 2,5 + 2 \cdot 1,5 = 10 \\ \Leftrightarrow 2a + 5 + 3 = 10 \quad | -8 \\ \Leftrightarrow 2a = 2 \quad | :2 \end{array}$$

III in II:

$$\begin{array}{l} b + 1,5 = 4 \quad | -1,5 \\ \Leftrightarrow b = 2,5 \end{array}$$

$$\Leftrightarrow a = \underline{\underline{1}}$$