

Klammern - 27 (Lösung)

Schreibe ohne Klammer und fasse dann zusammen:

$$\begin{aligned} \text{a)} \quad & (4a + 5b) + (2a + 3b) = \\ & 4a + 5b + 2a + 3b = \underline{6a + 8b} \end{aligned}$$

$$\begin{aligned} \text{b)} \quad & (4a + 5b) + (2a - 3b) = \\ & 4a + 5b + 2a - 3b = \underline{6a + 2b} \end{aligned}$$

$$\begin{aligned} \text{c)} \quad & (4a + 5b) + (-2a - 3b) = \\ & 4a + 5b - 2a - 3b = \underline{2a + 2b} \end{aligned}$$

$$\begin{aligned} \text{d)} \quad & (4a + 5b) - (-2a - 3b) = \\ & 4a + 5b + 2a + 3b = \underline{6a + 8b} \end{aligned}$$

$$\begin{aligned} \text{e)} \quad & 9p + (12r - 6p) - 3r = \\ & 9p + 12r - 6p - 3r = \underline{3p + 9r} \end{aligned}$$

$$\begin{aligned} \text{f)} \quad & 8u + (3u - 9) + 9u = \\ & 8u + 3u - 9 + 9u = \underline{20u - 9} \end{aligned}$$

$$\begin{aligned} \text{g)} \quad & 9a + (14 - 3a) + (2a - 5) = \\ & 9a + 14 - 3a + 2a - 5 = \underline{8a + 9} \end{aligned}$$

$$\begin{aligned} \text{h)} \quad & 10m - (3m + 5n) - (n - 2m) = \\ & 10m - 3m + 5n - n + 2m = \underline{9m + 4n} \end{aligned}$$

$$\begin{aligned} \text{i)} \quad & 6u - (4v + 5u) + (-10u + 2v) = \\ & 6u - 4v - 5u - 10u + 2v = \underline{-9u - 2v} \end{aligned}$$

$$\begin{aligned} \text{j)} \quad & 1,2c - (1,8d + 0,8c) + (0,5d - 1,7c) = \\ & 1,2c - 1,8d - 0,8c + 0,5d - 1,7c = \underline{-1,3c - 1,3d} \end{aligned}$$