

Klammern - 17 (Lösung)

Berechne:

$$\text{a) } (9a - 7b)(4c - 3d) = \\ \underline{36ac - 27ad - 28bc + 21bd}$$

$$\text{b) } (4z + 5x)(-x + 3y) = \\ \underline{-4xz + 12yz - 5x^2 + 15xy}$$

$$\text{c) } (7x - 9)(-y + 3x) = \\ \underline{-7xy + 21x^2 + 9y - 27x}$$

$$\text{d) } (-2a + b)(5b - 1) = \\ \underline{-10ab + 2a + 5b^2 - b}$$

$$\text{e) } (a^2 - 3b)(-a - 5) = \\ \underline{-a^3 - 5a^2 + 3ab + 15b}$$

$$\text{f) } (-x - y)(-xy + 1) = \\ \underline{x^2y - x + xy^2 - y}$$

$$\text{g) } (-v - w)(-s - t) = \\ \underline{sv + tv + sw + tw}$$

$$\text{h) } (-2x^2 - y^2)(-6 - z^2) = \\ \underline{12x^2 + 2x^2z^2 + 6y^2 + y^2z^2}$$