Lösungen

1a) $(3+x)^2 = (3+x)(3+x) = 3 \cdot 3 + 3 \cdot x + x \cdot 3 + x \cdot x = 9 + 2 \cdot 3x + x^2 = 9 + 6x + x^2$

1b) $(8a-2b)^2 = (8a-2b)(8a-2b) = 64a^2 - 16ab - 16ba + 4b^2 = 64a^2 - 32ab + 4b^2$

1c) $(7-x)(7+x) = 49 + 7x - 7x - x^2 = 49 - x^2$