

# Binomische Formeln

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*Arbeitsblatt*

$$(a + b)^2 = a^2 + 2ab + b^2$$

$$(a - b)^2 = a^2 - 2ab + b^2$$

$$(a + b) \cdot (a - b) = a^2 - b^2$$

**Level 1 :****Level 2 :**

$$(x + y)^2 =$$

$$(4 - c)^2 =$$

$$(a + 3)^2 =$$

$$(e - 9)^2 =$$

**Level 3 :****Level 4 :**

$$(s + 3t)^2 =$$

$$(3a - b)^2 =$$

$$(b + 4c)^2 =$$

$$(c - 5d)^2 =$$

**Level 5 :****Level 6 :**

$$(3e + 5f)^2 =$$

$$(4e - 6f)^2 =$$

$$(2x + 3y)^2 =$$

$$(8x - 3y)^2 =$$

**Level 7 :****Level 8 :**

$$(-x + 3y)^2 =$$

$$(-r - s)^2 =$$

$$(-2a + 5b)^2 =$$

$$(-7p - 2q)^2 =$$

**Level 9 :****Level 10 :**

$$(x + y) \cdot (x - y) =$$

$$(2e + f) \cdot (2e - f) =$$

$$(r + 4) \cdot (r - 4) =$$

$$(5c + 3d) \cdot (5c - 3d) =$$