

### Dritte Potenz eines Binoms

$$(a + b)^3 = (a + b) * (a + b) * (a + b) = (a + b)(a^2 + 2ab + b^2)$$

$$(a - b)^3 = (a - b) * (a - b) * (a - b) = (a - b)(a^2 - 2ab + b^2)$$

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

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

$$(x + 1)^3 =$$

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

$$(4s - t)^3 =$$

$$(5 - 2y)^3 =$$

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

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

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

$$(u + 2v)^3 - (u - 2v)^3 =$$

$$(5a - 2)(5a + 2) - (a + 5)^3 =$$

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

$$(3c + 2d)^3 - (d - c)^3 =$$