

$$1) (9-c)(9+c) = 81 + \cancel{9c} - \cancel{9c} - c^2 = 81 - c^2$$

$$2) (1+x)(x-1) = \cancel{x} - 1 + x^2 - \cancel{x} = x^2 - 1$$

$$3) (3y-0,2)(3y+0,2) = 9y^2 + \cancel{0,6y} - \cancel{0,6y} - 0,04 = 9y^2 - 0,04$$

$$4) a^2 - 64 = (a-8)(a+8)$$

$$5) 49m^2 - \frac{1}{81}c^2 = \left(7m + \frac{1}{9}c\right)\left(7m - \frac{1}{9}c\right)$$

$$6) a^2 - 0,01b^4 = (a - 0,1b^2)(a + 0,1b^2)$$