

## Aufgabenblatt 2 'Binomische Formeln'

1. a)  $(u + v)^2$  = \_\_\_\_\_  
b)  $(2x + 7y)^2$  = \_\_\_\_\_  
c)  $(s - t)^2$  = \_\_\_\_\_  
d)  $(3a - 5b)^2$  = \_\_\_\_\_
2. a)  $(2a^2 + 3b)^2$  = \_\_\_\_\_  
b)  $(4x^3 + 3y^4)^2$  = \_\_\_\_\_  
c)  $(5r^3 - 2s^5)^2$  = \_\_\_\_\_  
d)  $(3a^2 - 2b^3)^2$  = \_\_\_\_\_  
e)  $(0.5x + 0.7y)^2$  = \_\_\_\_\_  
f)  $(1,2a - 1,5b)^2$  = \_\_\_\_\_
3. a)  $(a + 5)(a - 5)$  = \_\_\_\_\_  
b)  $(b + 2c)(b - 2c)$  = \_\_\_\_\_  
c)  $(2x^2 + 5)(2x^2 - 5)$  = \_\_\_\_\_  
d)  $(a^3 + 7b^4)(a^3 - 7b^4)$  = \_\_\_\_\_  
e)  $(0,9x^2 + 1,1y)(0,9x^2 - 1,1y)$  = \_\_\_\_\_