

Aufgabengenerator – 1. binomische Formel

1. $(3w + 0,2b)^2 = 9w^2 + 1,2wb + 0,04b^2$
2. $(5y + \frac{1}{2}b)^2 = 25y^2 + 5yb + \frac{1}{4}b^2$
3. $(\frac{1}{9}v + \frac{1}{3}w)^2 = \frac{1}{81}v^2 + \frac{2}{27}vw + \frac{1}{9}w^2$
4. $(0,9x + 4b)^2 = 0,81x^2 + 7,2xb + 16b^2$
5. $(\frac{1}{4}x + 0,1y)^2 = \frac{1}{16}x^2 + 0,05xy + 0,01y^2$
6. $(0,9x + 7y)^2 = 0,81x^2 + 12,6xy + 49y^2$
7. $(\frac{5}{9}b + 0,1w)^2 = \frac{25}{81}b^2 + \frac{1}{9}bw + 0,01w^2$
8. $(\frac{4}{5}b + 4v)^2 = \frac{16}{25}b^2 + 6,4bv + 16v^2$
9. $(0,7c + 7v)^2 = 0,49c^2 + 9,8cv + 49v^2$
10. $(\frac{1}{2}b + 0,3c)^2 = \frac{1}{4}b^2 + 0,3bc + 0,09c^2$