

## Aufgabengenerator – 2. binomische Formel

1.  $(w - 5x)^2 =$   $1w^2 - 10wx + 25x^2$
2.  $\left(\frac{4}{5}u - \frac{3}{5}v\right)^2 =$   $\frac{16}{25}u^2 - \frac{24}{25}uv + \frac{9}{25}v^2$
3.  $\left(\frac{1}{2}y - 0,8b\right)^2 =$   $\frac{1}{4}y^2 - \frac{4}{5}yb + \frac{16}{25}b^2$
4.  $(6u - 5b)^2 =$   $36u^2 - 60ub + 25b^2$
5.  $\left(\frac{1}{3}c - a\right)^2 =$   $\frac{1}{9}c^2 - \frac{2}{3}ca + 1a^2$
6.  $\left(9x - \frac{3}{8}y\right)^2 =$   $81x^2 - \frac{27}{4}xy + \frac{9}{64}y^2$
7.  $\left(5w - \frac{1}{8}c\right)^2 =$   $25w^2 - \frac{5}{4}wc + \frac{1}{64}c^2$
8.  $\left(\frac{2}{3}a - 0,8c\right)^2 =$   $\frac{4}{9}a^2 - \frac{16}{15}ac + \frac{16}{25}c^2$
9.  $\left(\frac{1}{2}b - z\right)^2 =$   $\frac{1}{4}b^2 - 1bz + 1z^2$
10.  $\left(9a - \frac{1}{4}v\right)^2 =$   $81a^2 - \frac{9}{2}av + \frac{1}{16}v^2$