Berechne die Binomische Formel:

$(7m + 12n)^2 =$

$(8p + 8q)^2 =$

$(8m + 11n)^2 =$

$(9m + 10n)^2 =$

$(12m + 6n)^2 =$

$(9p + q)^2 =$

$(3a + 8b)^2 =$

$(12a + 3b)^2 =$

$(2x + 10y)^2 =$

$(x + 12y)^2 =$

$(4x + 4y)^2 =$

$(8p + 12q)^2 =$

$(5a + 2b)^2 =$

Berechne die Binomische Formel:

$(7m + 12n)^2 = \mathbf{49m^2 + 168mn + 144n^2}$

$(8p + 8q)^2 = \mathbf{64p^2 + 128pq + 64q^2}$

$(8m + 11n)^2 = \mathbf{64m^2 + 176mn + 121n^2}$

$(9m + 10n)^2 = \mathbf{81m^2 + 180mn + 100n^2}$

$(12m + 6n)^2 = \mathbf{144m^2 + 144mn + 36n^2}$

$(9p + q)^2 = \mathbf{81p^2 + 18pq + q^2}$

$(3a + 8b)^2 = \mathbf{9a^2 + 48ab + 64b^2}$

$(12a + 3b)^2 = \mathbf{144a^2 + 72ab + 9b^2}$

$(2x + 10y)^2 = \mathbf{4x^2 + 40xy + 100y^2}$

$(x + 12y)^2 = \mathbf{x^2 + 24xy + 144y^2}$

$(4x + 4y)^2 = \mathbf{16x^2 + 32xy + 16y^2}$

$(8p + 12q)^2 = \mathbf{64p^2 + 192pq + 144q^2}$

$(5a + 2b)^2 = \mathbf{25a^2 + 20ab + 4b^2}$