WolframAlpha

4∗π ∗ ((2/3∗(N−1))^2∗ ln sqrt(Z^(2/3 ∗ d))) /(4∗π ∗ (δ)^(−1)∗ (N

Input:

$$\left\{4\,\pi \times \frac{\left(\frac{2}{3}\,(N-1)\right)^2 \log\left(\sqrt{Z^{2/3\,d}}\right)}{\frac{4\,\pi\left(N \times \frac{N-1}{6}\right)}{\delta}+\frac{Z}{\delta}},\ d = 0.99,\ Z = 3,\ N = 4,\ \delta = 0.5\right\}$$

Result:

$$\left\{\frac{16\,\pi\,(N-1)^2 \log\left(\sqrt{Z^{(2\,d)/3}}\right)}{9\left(\frac{2\,\pi\,(N-1)\,N}{3\,\delta}+\frac{Z}{\delta}\right)},\ d = 0.99,\ Z = 3,\ N = 4,\ \delta = 0.5\right\}$$