

4

Вредноста на изразот $\frac{\left(1 - \frac{3}{2}\right)^{-3} \cdot \frac{8}{3}}{3}$ е еднаква на:

А. -1

Б. 0

В. 1

Г. 3

$$\begin{aligned} \frac{\left(1 - \frac{3}{2}\right)^{-3} \cdot \frac{8}{3}}{3} &= \frac{\left(\frac{2-3}{2}\right)^{-3} \cdot \frac{3}{8}}{3} = \frac{\left(-\frac{1}{2}\right)^{-3} \cdot \frac{3}{8}}{3} = \frac{\frac{3}{8}}{3\left(-\frac{1}{2}\right)^3} = \\ &= \frac{\frac{3}{8}}{3\left(-\frac{1}{8}\right)} = \frac{\frac{3}{8}}{-\frac{3}{8}} = -1 \end{aligned}$$