

Vypočítejte

$$\frac{1}{4} - \left[\frac{2}{6} - 2\frac{2}{3} + \left(\frac{1}{2}\right)^2 \right]$$

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Řešení

$$\begin{aligned} & \frac{1}{4} - \left[\frac{2}{6} - 2\frac{2}{3} + \left(\frac{1}{2}\right)^2 \right] = \\ & = \frac{1}{4} - \left(\frac{1}{3} - \frac{8}{3} + \frac{1}{4} \right) = \\ & = \frac{1}{4} - \frac{4 - 32 + 3}{12} = \\ & = \frac{1}{4} - \frac{-25}{12} = \frac{3 + 25}{12} = \\ & = \frac{28}{12} = \frac{7}{3} = \underline{\underline{2\frac{1}{3}}} \end{aligned}$$
