

Vypočítejte

$$\left(\sqrt{0,64} : \frac{2}{7} - \sqrt{0,16}\right) \cdot \left(\frac{2}{3} - \frac{3}{4}\right)$$

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Řešení

$$\begin{aligned} & \left(\sqrt{0,64} : \frac{2}{7} - \sqrt{0,16}\right) \cdot \left(\frac{2}{3} - \frac{3}{4}\right) = \\ & = \left(0,8 \cdot \frac{7}{2} - 0,4\right) \cdot \frac{8 - 9}{12} = \\ & = \left(\frac{8^4}{10} \cdot \frac{7}{2} - \frac{4}{10}\right) \cdot \frac{-1}{12} = \\ & = \left(\frac{28}{10} - \frac{4}{10}\right) \cdot \left(-\frac{1}{12}\right) = \\ & = \frac{24}{10} \cdot \left(-\frac{1}{12}\right) = \\ & = \underline{\underline{-\frac{2}{10}}} = \underline{\underline{-0,2}} = \underline{\underline{-\frac{1}{5}}} \end{aligned}$$