

Vypočítejte

$$\left(-\frac{3}{2}\right)^2 - \left[\frac{3}{4} \cdot \frac{5}{(-6)} - \sqrt{\frac{1}{4}} \cdot \frac{2}{\sqrt{36}} \cdot 3\right]$$

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Řešení

$$\begin{aligned} & \left(-\frac{3}{2}\right)^2 - \left[\frac{3}{4} \cdot \frac{5}{(-6)} - \sqrt{\frac{1}{4}} \cdot \frac{2}{\sqrt{36}} \cdot 3\right] = \\ & = \frac{9}{4} - \left(-\frac{5}{4 \cdot 2} - \frac{1}{\cancel{2}} \cdot \frac{\cancel{2}}{\cancel{6}} \cdot \frac{\cancel{3}}{1}\right) = \\ & = \frac{9}{4} - \left(-\frac{5}{8} - \frac{1}{2}\right) = \\ & = \frac{9}{4} - \frac{-5 - 4}{8} = \\ & = \frac{9}{4} + \frac{9}{8} = \frac{18}{8} + \frac{9}{8} = \\ & = \frac{27}{8} = \underline{\underline{3\frac{3}{8}}} \end{aligned}$$
