

Vypočítejte

$$\frac{\frac{3}{4} - 1\frac{1}{2} - \left(-\frac{1}{6}\right)}{1\frac{2}{3} - \frac{1}{2}}$$

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Řešení

$$\begin{aligned} & \frac{\frac{3}{4} - 1\frac{1}{2} - \left(-\frac{1}{6}\right)}{1\frac{2}{3} - \frac{1}{2}} = \\ & = \frac{\frac{3}{4} - \frac{3}{2} + \frac{1}{6}}{\frac{5}{3} - \frac{1}{2}} = \frac{\frac{9 - 18 + 2}{12}}{\frac{10 - 3}{6}} = \\ & = \frac{\overset{1}{\cancel{12}}}{\underset{2}{\cancel{12}}} \cdot \frac{\overset{2}{\cancel{6}}}{\underset{1}{\cancel{6}}} = -\frac{1}{2} = \underline{\underline{-\frac{1}{2}}} \end{aligned}$$