

Nový kloch

od 25. 1. ?

př. $\frac{\frac{2}{3}}{\frac{3}{4}} = \frac{2}{3} : \frac{3}{4} = \frac{2}{3} \cdot \frac{4}{3} = \frac{8}{9}$

naměrka ...
 $\frac{\frac{2}{3}}{-\frac{3}{4}} = \frac{2}{3} : \left(-\frac{3}{4}\right) =$
 $= \frac{2}{3} \cdot \left(-\frac{4}{3}\right) = -\frac{8}{9}$

$$\frac{\frac{2}{3}}{5} = \frac{2}{3} : 5 = \frac{2}{3} \cdot \frac{1}{5} = \frac{2}{15}$$

$$\frac{5}{\frac{2}{3}} = 5 : \frac{2}{3} = \frac{5}{1} \cdot \frac{3}{2} = \frac{15}{2} = 7 \frac{1}{2}$$

① $\frac{2 - \frac{1}{8}}{\frac{3}{4} + \frac{5}{6}} = \frac{\frac{16-1}{8}}{\frac{9+10}{12}} = \frac{\frac{15}{8}}{\frac{19}{12}} = \frac{15}{8} : \frac{19}{12} = \frac{15}{8} \cdot \frac{12}{19} = \frac{45}{38} = 1 \frac{7}{38}$

... lze i zkrátit $\Rightarrow \left(2 - \frac{1}{8}\right) : \left(\frac{3}{4} + \frac{5}{6}\right) = \frac{16-1}{8} : \frac{9+10}{12} = \frac{15}{8} : \frac{19}{12} \dots \rightarrow \text{atd.}$

② $\frac{\frac{2}{3} - (-2,8)}{\frac{1}{3} : \frac{5}{13}} = \left[\frac{2}{3} - (-2,8)\right] : \left(\frac{1}{3} : \frac{5}{13}\right) = \left(\frac{2}{3} + \frac{28}{10}\right) : \left(\frac{1}{3} : \frac{5}{13}\right) =$

$$= \frac{20 + 84}{30} : \left(\frac{1}{3} \cdot \frac{13}{5}\right) = \frac{104}{30} : \frac{13}{15} = \frac{104}{30} \cdot \frac{15}{13} = \frac{8}{2} = \frac{4}{1} = 4$$