

RACIONÁLNÍ ČÍSLA

1) $5 + \{6 \cdot [7 - 5 \cdot (16 - 19)]\} =$

2) $23 - [2,6 + (13 - 4^2) - 4,52] =$

3) $\frac{\frac{5}{2} - 8}{6 \cdot \left(\frac{1}{3} - \frac{5}{4}\right)} =$

4) $\left(-\frac{3}{2}\right)^2 - \left[\frac{3}{4} \cdot \frac{5}{(-6)} - \sqrt{\frac{1}{4}} \cdot \frac{1}{\sqrt{9}} \cdot 3\right] =$

5) $\frac{4}{7} \cdot \sqrt{1,96} + 0,6^3 : 0,036 - \left(\frac{4}{10} - \frac{3}{4}\right) =$

6) $12 - \{4 \cdot [87,6 - (15 - \frac{3}{4})] + \sqrt{0,16}\} =$

7) $\frac{\frac{4}{10} \cdot 0,5 + \left(\frac{1}{4}\right)^2 : \frac{3}{8}}{\frac{4}{6} \cdot \frac{1}{4} \cdot \left(-\frac{2}{5}\right)} =$

8) $\frac{\left(\frac{3}{7} - 1\frac{1}{2}\right) : \frac{6}{16}}{\left(\frac{2}{3}\right)^2 \cdot \left(-\frac{1}{7}\right)} =$

9 Vypočtete:

a) $\frac{\frac{2}{7} - \frac{1}{2}}{3 - \frac{3}{4}}$

c) $\frac{\frac{1}{5} - \frac{2}{3}}{\frac{1}{4} - \frac{2}{5}}$

b) $\frac{\frac{3}{8} + \frac{1}{4}}{\frac{3}{5} - \frac{4}{15}}$

d) $\frac{1 - \frac{5}{6}}{1 - \frac{6}{5}}$

[a) $-\frac{2}{21}$; b) $\frac{15}{8}$; c) $\frac{1}{9}$; d) $-\frac{5}{6}$]

10 Vypočtete:

a) $\frac{2\frac{3}{4} - \frac{2}{3}}{2 \cdot \frac{2}{4} - 1\frac{1}{5} + 0,2}$

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