

Opakování:

$$\frac{1}{8} + \frac{2}{8} + \frac{3}{8} = \frac{6}{8}$$

$$\frac{8}{21} + \frac{1}{21} + \frac{2}{21} + \frac{3}{21} = \frac{14}{21}$$

$$\frac{13}{105} + \frac{7}{105} + \frac{11}{105} + \frac{4}{105} = \frac{35}{105}$$

# Sčítání zlomků s různými jmenovateli

⇒ převedu na společného jmenovatele

⇒ sčítám

$$\frac{5}{6} + \frac{3}{4} = \frac{10}{12} + \frac{9}{12} = \frac{10 + 9}{12} = \frac{19}{12} = 1\frac{7}{12}$$

$$\frac{2}{3} + \frac{4}{5} = \frac{10+12}{15} = \frac{22}{15} = 1\frac{7}{15}$$

$$\frac{4}{6} + \frac{2}{12} = \frac{8+2}{12} = \frac{10}{12} = \frac{5}{6}$$

DO ZÁKLAD.  
TVARU

$$\frac{3}{5} + \frac{2}{7} = \frac{21+10}{35} = \frac{31}{35}$$

$$\frac{1}{4} + \frac{3}{8} = \frac{2+3}{8} = \frac{5}{8}$$

$$\frac{2}{3} + \frac{2}{5} + \frac{4}{15} = \frac{10+6+4}{15} = \frac{20}{15} = \frac{4}{3} = 1\frac{1}{3}$$

⇒ 1. zkrátím do základ. tvaru

2. smíšené číslo

$$\begin{aligned} \frac{3}{4} + \frac{5}{9} + \frac{15}{36} &= \frac{27+20+15}{36} = \frac{62}{36} = \frac{31}{18} = \\ &= 1\frac{13}{18} \end{aligned}$$

$$\frac{11}{60} + \frac{1}{3} + \frac{5}{12} + \frac{4}{15} = \frac{11+20+25+16}{60} = \frac{72}{60} = \frac{36}{30} = \frac{6}{5} = 1\frac{1}{5}$$

$$\frac{2}{9} + \frac{1}{2} + \frac{1}{4} = \frac{8+18+9}{36} = \frac{35}{36}$$

$$\frac{1}{7} + \frac{1}{3} + \frac{5}{6} + \frac{1}{2} = \frac{6+14+35+21}{42} = \frac{76}{42}$$

$$= \frac{38}{21} = 1\frac{17}{21}$$

$$\frac{3}{4} + \frac{2}{5} + \frac{1}{12} + \frac{7}{20} = \frac{45+24+5+21}{60} = \frac{95}{60} = \frac{19}{12} = 1\frac{7}{12}$$

$$\frac{2}{9} + \frac{1}{3} + \frac{1}{2} = \frac{4+6+9}{18} = \frac{19}{18} = 1\frac{1}{18}$$

$$2\frac{1}{2} + 1\frac{1}{3} = \frac{5}{2} + \frac{4}{3} = \frac{15+8}{6} = \frac{23}{6} = 3\frac{5}{6}$$

$$3 + \frac{1}{2} = \frac{6+1}{2} = \frac{7}{2} = 3\frac{1}{2} \quad 3 = \frac{3}{1}$$

$$3 + 1\frac{2}{15} + 1\frac{1}{3} = \frac{45+17+20}{15} = \frac{82}{15}$$

$\frac{17}{15} \quad \frac{4}{3} \quad 5\frac{7}{15}$

$$\frac{1}{4} + \frac{4}{5} = \frac{5 + 16}{20} = \frac{21}{20} = 1\frac{1}{20}$$

$$\frac{3}{7} + \frac{1}{4} = \frac{12 + 7}{28} = \frac{19}{28}$$

$$\frac{9}{12} + \frac{5}{8} = \frac{18 + 15}{24} = \frac{33}{24} = \frac{11}{8} = 1\frac{3}{8}$$



$$\frac{7}{10} + \frac{2}{15} = \frac{\quad}{30}$$

$$\frac{3}{18} + \frac{1}{24} = \frac{\quad}{72}$$

$$\frac{5}{21} + \frac{5}{28} = \frac{\quad}{\quad}$$