

Společný jmenovatel zlomků:

Rozšiř dané zlomky:

a) číslem 4

$$\frac{3}{5} = \frac{12}{20}$$

$$\frac{5}{7} = \frac{20}{28}$$

$$\frac{7}{5} = \frac{28}{20}$$

$$\frac{13}{10} = \frac{52}{40}$$

b) číslem 7

$$\frac{23}{25} = \frac{161}{175}$$

$$\frac{8}{9} = \frac{56}{63}$$

$$\frac{10}{11} = \frac{70}{77}$$

$$\frac{11}{15} = \frac{44}{105}$$

c) číslem 2

$$\frac{24}{25} = \frac{48}{50}$$

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

$$\frac{9}{10} = \frac{18}{20}$$

$$\frac{4}{5} = \frac{8}{10}$$

d) tak, aby jmenovatelem bylo číslo 36

$$\frac{1}{2} = \frac{18}{36}$$

$$\frac{1}{3} = \frac{12}{36}$$

$$\frac{1}{4} = \frac{9}{36}$$

$$\frac{3}{12} = \frac{9}{36}$$

$$\frac{7}{18} = \frac{14}{36}$$

$$\frac{2}{9} = \frac{8}{36}$$

$$\frac{12}{24} =$$

$$\frac{5}{2} = \frac{90}{36}$$

Doplň tak, aby platila rovnost:

$$\text{a) } \frac{3}{5} = \frac{9}{15}$$

$$\text{c) } \frac{3}{5} = \frac{30}{50}$$

$$\text{e) } \frac{14}{21} = \frac{2}{3}$$

$$\text{g) } \frac{5}{7} = \frac{60}{84}$$

$$\text{b) } \frac{3}{5} = \frac{15}{25}$$

$$\text{d) } \frac{4}{12} = \frac{16}{48}$$

$$\text{f) } \frac{10}{5} = \frac{7}{7}$$

$$\text{h) } \frac{11}{6} = \frac{44}{24}$$

Dvojice uprav na společného jmenovatele:

a) $\frac{3}{8} = \frac{6}{16}$ a) $\frac{1}{4} = \frac{4}{16}$
c) $\frac{8}{9} = \frac{16}{18}$ a) $\frac{1}{6} = \frac{3}{18}$
e) $\frac{3}{5} = \frac{9}{15}$ a) $\frac{2}{3} = \frac{10}{15}$
g) $\frac{3}{8} = \frac{9}{24}$ a) $\frac{1}{3} = \frac{8}{24}$

$$\begin{array}{ll} \text{b) } \frac{2}{3} = \frac{12}{18} & \text{a) } \frac{5}{6} = \frac{15}{18} \\ \text{d) } \frac{1}{3} = \frac{4}{12} & \text{a) } \frac{3}{4} = \frac{9}{12} \\ \text{f) } \frac{7}{8} = \frac{21}{24} & \text{a) } \frac{5}{6} = \frac{20}{24} \\ \text{h) } \frac{4}{9} = \frac{16}{36} & \text{a) } \frac{5}{12} = \frac{15}{36} \end{array}$$

$$\frac{2}{3} = \frac{4}{6}$$

Uprav na zlomky se stejnými jmenovateli:

$$\text{a) } \frac{1}{2} = \frac{3}{6} \quad \text{a} \quad \frac{2}{3} = \frac{4}{6} \quad \text{a} \quad \frac{1}{6} = \frac{1}{6}$$

$$\text{c) } \frac{3}{8} = \frac{9}{24} \quad \text{a} \quad \frac{5}{4} = \frac{30}{24} \quad \text{a} \quad \frac{1}{6} = \frac{4}{24}$$

$$\text{e) } \frac{7}{12} = \frac{21}{36} \quad \text{a} \quad \frac{4}{9} = \frac{16}{36} \quad \text{a} \quad \frac{5}{6} = \frac{30}{36}$$

$$\text{g) } \frac{2}{9} = \text{---} \quad \text{a} \quad \frac{7}{18} = \text{---} \quad \text{a} \quad \frac{3}{4} = \text{---} \quad \text{a} \quad \frac{5}{12} = \text{---}$$

$$\text{h) } \frac{13}{20} = \text{---} \quad \text{a} \quad \frac{5}{12} = \text{---} \quad \text{a} \quad \frac{4}{15} = \text{---} \quad \text{a} \quad \frac{8}{3} = \text{---}$$

$$\text{b) } \frac{3}{4} = \frac{9}{12} \quad \text{a} \quad \frac{5}{6} = \frac{10}{12} \quad \text{a} \quad \frac{2}{3} = \frac{8}{12}$$

$$\text{d) } \frac{1}{5} = \frac{6}{30} \quad \text{a} \quad \frac{7}{10} = \frac{21}{30} \quad \text{a} \quad \frac{1}{3} = \frac{10}{30}$$

$$\text{f) } \frac{3}{7} = \frac{12}{28} \quad \text{a} \quad \frac{5}{4} = \frac{35}{28} \quad \text{a} \quad \frac{1}{2} = \frac{14}{28}$$