

## Sčítání a odčítání zlomků - I

**A**

$$\frac{3}{10} + \frac{1}{10} =$$

$$\frac{1}{3} + \frac{1}{3} =$$

$$\frac{4}{7} + \frac{1}{7} =$$

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

$$\frac{1}{6} + \frac{1}{4} =$$

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

$$\frac{3}{4} + \frac{1}{6} =$$

$$\frac{4}{15} + \frac{1}{12} =$$

$$\frac{3}{10} + \frac{5}{15} =$$

$$\frac{5}{8} + \frac{1}{6} =$$

$$\frac{5}{10} + \frac{6}{18} =$$

$$\frac{1}{20} + \frac{1}{25} =$$

**B**

$$\frac{2}{7} + \frac{3}{7} =$$

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

$$\frac{3}{5} + \frac{1}{5} =$$

$$\frac{1}{4} + \frac{1}{5} =$$

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

$$\frac{1}{6} + \frac{1}{12} =$$

$$\frac{3}{10} + \frac{4}{15} =$$

$$\frac{1}{6} + \frac{2}{15} =$$

$$\frac{7}{10} + \frac{1}{6} =$$

$$\frac{2}{7} + \frac{1}{14} =$$

$$\frac{2}{8} + \frac{4}{6} =$$

$$\frac{2}{40} + \frac{3}{30} =$$

1	2	3	4	5
12 - 11	10 - 8	7 - 5	4 - 3	2 - 0
24 - 22	21 - 17	16 - 10	9 - 5	4 - 0

## Sčítání zlomků - I - řešení

**A**

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

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

$$\frac{4}{7} + \frac{1}{7} = \frac{5}{7}$$

$$\frac{1}{3} + \frac{1}{2} = \frac{5}{6}$$

$$\frac{1}{6} + \frac{1}{4} = \frac{5}{12}$$

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

$$\frac{3}{4} + \frac{1}{6} = \frac{11}{12}$$

$$\frac{4}{15} + \frac{1}{12} = \frac{21}{60} = \frac{7}{20}$$

$$\frac{3}{10} + \frac{5}{15} = \frac{19}{30}$$

$$\frac{5}{8} + \frac{1}{6} = \frac{19}{24}$$

$$\frac{5}{10} + \frac{6}{18} = \frac{150}{180} = \frac{5}{6}$$

$$\frac{1}{20} + \frac{1}{25} = \frac{9}{100}$$

**B**

$$\frac{2}{7} + \frac{3}{7} = \frac{5}{7}$$

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

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

$$\frac{1}{4} + \frac{1}{5} = \frac{9}{20}$$

$$\frac{1}{8} + \frac{1}{6} = \frac{7}{24}$$

$$\frac{1}{6} + \frac{1}{12} = \frac{3}{12} = \frac{1}{4}$$

$$\frac{3}{10} + \frac{4}{15} = \frac{17}{30}$$

$$\frac{1}{6} + \frac{2}{15} = \frac{9}{30} = \frac{3}{10}$$

$$\frac{7}{10} + \frac{1}{6} = \frac{26}{30} = \frac{13}{15}$$

$$\frac{2}{7} + \frac{1}{14} = \frac{5}{14}$$

$$\frac{2}{8} + \frac{4}{6} = \frac{20}{24} = \frac{5}{6}$$

$$\frac{2}{40} + \frac{3}{30} = \frac{18}{120} = \frac{3}{20}$$

1	2	3	4	5
12 - 11	10 - 8	7 - 5	4 - 3	2 - 0
24 - 22	21 - 17	16 - 10	9 - 5	4 - 0

## Odčítání zlomků – II

**A**

$$\frac{7}{8} - \frac{3}{8} =$$

$$\frac{6}{11} - \frac{2}{11} =$$

$$\frac{2}{2} - \frac{1}{2} =$$

$$\frac{3}{4} - \frac{5}{9} =$$

$$\frac{7}{5} - \frac{2}{7} =$$

$$\frac{3}{4} - \frac{3}{8} =$$

$$\frac{8}{9} - \frac{1}{6} =$$

$$1 - \frac{3}{10} =$$

$$\frac{12}{15} - \frac{1}{10} =$$

$$\frac{11}{12} - \frac{3}{4} =$$

**B**

$$\frac{4}{9} - \frac{2}{9} =$$

$$\frac{5}{6} - \frac{3}{6} =$$

$$\frac{5}{5} - \frac{5}{5} =$$

$$\frac{5}{6} - \frac{3}{8} =$$

$$\frac{9}{11} - \frac{3}{4} =$$

$$\frac{5}{7} - \frac{1}{5} =$$

$$1 - \frac{5}{9} =$$

$$\frac{9}{10} - \frac{1}{4} =$$

$$\frac{5}{8} - \frac{1}{3} =$$

$$\frac{6}{7} - \frac{3}{14} =$$

1	2	3	4	5
10 - 9	8 - 7	6 - 4	3 - 2	1 - 0
20 - 18	17 - 14	13 - 8	7 - 4	3 - 0

## Odčítání zlomků – II - řešení

**A**

$$\frac{7}{8} - \frac{3}{8} = \frac{4}{8} = \frac{1}{2}$$

$$\frac{6}{11} - \frac{2}{11} = \frac{4}{11}$$

$$\frac{2}{2} - \frac{1}{2} = \frac{1}{2}$$

$$\frac{3}{4} - \frac{5}{9} = \frac{7}{36}$$

$$\frac{7}{5} - \frac{2}{7} = \frac{39}{35}$$

$$\frac{3}{4} - \frac{3}{8} = \frac{3}{8}$$

$$\frac{8}{9} - \frac{1}{6} = \frac{13}{18}$$

$$1 - \frac{3}{10} = \frac{7}{10}$$

$$\frac{12}{15} - \frac{1}{10} = \frac{21}{30} = \frac{7}{10}$$

$$\frac{11}{12} - \frac{3}{4} = \frac{2}{12} = \frac{1}{6}$$

**B**

$$\frac{4}{9} - \frac{2}{9} = \frac{2}{9}$$

$$\frac{5}{6} - \frac{3}{6} = \frac{2}{6} = \frac{1}{3}$$

$$\frac{5}{5} - \frac{5}{5} = 0$$

$$\frac{5}{6} - \frac{3}{8} = \frac{11}{24}$$

$$\frac{9}{11} - \frac{3}{4} = \frac{3}{44}$$

$$\frac{5}{7} - \frac{1}{5} = \frac{18}{35}$$

$$1 - \frac{5}{9} = \frac{4}{9}$$

$$\frac{9}{10} - \frac{1}{4} = \frac{13}{20}$$

$$\frac{5}{8} - \frac{1}{3} = \frac{7}{24}$$

$$\frac{6}{7} - \frac{3}{14} = \frac{9}{14}$$

1	2	3	4	5
10 - 9	8 - 7	6 - 4	3 - 2	1 - 0
20 - 18	17 - 14	13 - 8	7 - 4	3 - 0

## Sčítání a odčítání zlomků – III – samostatná práce

**A**

$$\frac{2}{7} + \frac{5}{6} =$$

$$\frac{7}{8} - \frac{1}{3} =$$

$$\frac{8}{9} + \frac{8}{10} =$$

$$1 - \frac{4}{15} =$$

$$\frac{6}{7} - \frac{2}{3} =$$

$$\frac{3}{4} + \frac{2}{9} =$$

$$\frac{4}{5} + \frac{1}{12} =$$

$$\frac{9}{10} - \frac{1}{100} =$$

$$\frac{2}{3} + \frac{5}{6} + \frac{2}{9} =$$

$$\frac{1}{2} - \frac{1}{5} + \frac{7}{10} =$$

$$2 - \frac{7}{8} - \frac{1}{2} =$$

**B**

$$\frac{3}{5} - \frac{1}{2} =$$

$$\frac{4}{9} + \frac{6}{7} =$$

$$\frac{9}{10} - \frac{1}{6} =$$

$$\frac{6}{15} + \frac{2}{5} =$$

$$\frac{4}{5} + \frac{3}{20} =$$

$$1 - \frac{9}{20} =$$

$$\frac{7}{10} - \frac{1}{100} =$$

$$\frac{1}{2} + \frac{4}{15} =$$

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

$$\frac{9}{8} + \frac{3}{4} - \frac{1}{2} =$$

$$2 - \frac{1}{3} - \frac{1}{5} =$$

**Sčítání a odčítání zlomků – III – samostatná práce**  
**- řešení**

**A**

$$\frac{2}{7} + \frac{5}{6} = \frac{47}{42}$$

$$\frac{7}{8} - \frac{1}{3} = \frac{13}{24}$$

$$\frac{8}{9} + \frac{8}{10} = \frac{152}{90} = \frac{76}{45}$$

$$1 - \frac{4}{15} = \frac{11}{15}$$

$$\frac{6}{7} - \frac{2}{3} = \frac{4}{21}$$

$$\frac{3}{4} + \frac{2}{9} = \frac{35}{36}$$

$$\frac{4}{5} + \frac{1}{12} = \frac{53}{60}$$

$$\frac{9}{10} - \frac{1}{100} = \frac{89}{100}$$

$$\frac{2}{3} + \frac{5}{6} + \frac{2}{9} = \frac{31}{18}$$

$$\frac{1}{2} - \frac{1}{5} + \frac{7}{10} = \frac{10}{10} = 1$$

$$2 - \frac{7}{8} - \frac{1}{2} = \frac{5}{8}$$

**B**

$$\frac{3}{5} - \frac{1}{2} = \frac{1}{10}$$

$$\frac{4}{9} + \frac{6}{7} = \frac{82}{63}$$

$$\frac{9}{10} - \frac{1}{6} = \frac{22}{30} = \frac{11}{15}$$

$$\frac{6}{15} + \frac{2}{5} = \frac{16}{15}$$

$$\frac{4}{5} + \frac{3}{20} = \frac{31}{20}$$

$$1 - \frac{9}{20} = \frac{11}{20}$$

$$\frac{7}{10} - \frac{1}{100} = \frac{69}{100}$$

$$\frac{1}{2} + \frac{4}{15} = \frac{23}{30}$$

$$\frac{3}{4} + \frac{1}{2} + \frac{5}{6} = \frac{25}{12}$$

$$\frac{9}{8} - \frac{3}{4} - \frac{1}{2} = \frac{11}{8}$$

$$2 - \frac{1}{3} - \frac{1}{5} = \frac{22}{15}$$