

Zadanie 96: Dodaj ułamki o jednakowych mianownikach.

a) $4\frac{1}{3} + \frac{1}{3} =$

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

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

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

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

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

c) $1\frac{1}{5} + 2\frac{3}{5} =$

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

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

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

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

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

$\frac{3}{7} + \frac{4}{7} = =$

b) $3\frac{3}{4} + \frac{1}{4} = 3\frac{4}{4} = 4$

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

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

$\frac{8}{14} + 2\frac{6}{14} = =$

c) $2\frac{3}{7} + 1\frac{4}{7} = 3\frac{7}{7} = 4$

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

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

$2\frac{7}{15} + 3\frac{8}{15} = =$

Zadanie 97: Dodaj ułamki o jednakowych mianownikach, wynik doprowadź do najprostszej postaci

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

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

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

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

b) $1\frac{2}{3} + \frac{2}{3} = 1\frac{4}{3} = 2\frac{1}{3}$

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

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

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

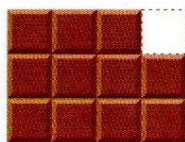
c) $2\frac{3}{6} + 1\frac{5}{6} = 3\frac{8}{6} = 4\frac{2}{6}$

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

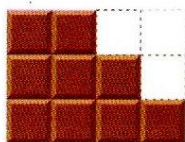
$2\frac{3}{4} + 1\frac{3}{4} = =$

$2\frac{2}{8} + 3\frac{7}{8} = =$

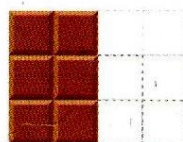
Zadanie 98: Oblicz. Odejmij ułamki o jednakowych mianownikach.



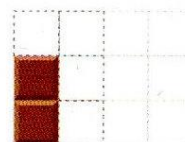
$1 - \frac{1}{12} = \frac{11}{12}$



$\frac{11}{12} - \frac{2}{12} =$



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



$\frac{6}{12} - \frac{4}{12} =$

a) $\frac{5}{12} - \frac{2}{12} =$

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

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

$\frac{13}{10} - \frac{8}{10} =$

b) $2\frac{3}{7} - \frac{2}{7} =$

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

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

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

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

$6\frac{3}{5} - 4\frac{1}{5} =$

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

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

Zadanie 99: Dodaj ułamki o różnych mianownikach. Doprowadź ułamki do jednakowych mianowników. Wynik przedstaw w najprostszej postaci.

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

a) $3\frac{3}{10} + \frac{1}{2} =$ _____

d) $1\frac{7}{9} + \frac{2}{3} =$ _____

b) $1\frac{1}{5} + \frac{1}{2} =$ _____

e) $2\frac{5}{6} + \frac{2}{3} =$ _____

c) $2\frac{3}{7} + \frac{1}{2} =$ _____

f) $1\frac{3}{10} + \frac{2}{3} =$ _____

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

a) $2\frac{2}{3} + 1\frac{1}{6} =$ _____

d) $2\frac{1}{4} + 4\frac{2}{3} =$ _____

b) $1\frac{1}{2} + 1\frac{1}{3} =$ _____

e) $1\frac{1}{6} + 1\frac{1}{4} =$ _____

c) $3\frac{1}{5} + 2\frac{1}{2} =$ _____

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

Zadanie 100: Odejmij ułamki o różnych mianownikach. Doprowadź ułamki do jednakowych mianowników. Wynik przedstaw w najprostszej postaci.

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

a) $\frac{1}{2} - \frac{1}{3} =$ _____

d) $\frac{4}{6} - \frac{2}{9} =$ _____

b) $\frac{3}{4} - \frac{2}{3} =$ _____

e) $\frac{3}{4} - \frac{1}{6} =$ _____

c) $\frac{1}{3} - \frac{1}{5} =$ _____

f) $\frac{5}{8} - \frac{1}{4} =$ _____

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

a) $4\frac{1}{4} - 2\frac{1}{8} =$ _____

d) $3\frac{1}{3} - 1\frac{1}{4} =$ _____

b) $1\frac{1}{2} - 1\frac{1}{3} =$ _____

e) $2\frac{1}{4} - 1\frac{1}{5} =$ _____

c) $5\frac{2}{3} - 3\frac{2}{5} =$ _____

f) $6\frac{2}{6} - 4\frac{2}{9} =$ _____