

Př. 1: Řeš rovnice:

a)  $\frac{x}{2} + \frac{x}{3} = 14$

b)  $\frac{7x}{8} - \frac{4x}{5} = 3$

c)  $2\frac{1}{3} = \frac{5x}{12} - \frac{3x}{8}$

d)  $\frac{3x}{4} - 5 = \frac{x}{5}$

e)  $\frac{2x}{3} + \frac{8}{15} = 6 - \frac{4x}{5}$

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

g)  $\frac{x}{3} - 1 = x + 2$

h)  $13 + \frac{4}{9}x = x + 8$

ch)  $\frac{5x}{8} - \frac{x}{2} - 1 = \frac{3x}{8} + 2$

i)  $\frac{x}{2} - 4 + \frac{2x}{3} - \frac{x}{5} = x - 3,5$

j)  $\frac{11x-8}{3} = 12$

k)  $-8 = \frac{5x-2}{3}$

l)  $\frac{5-x}{7} = \frac{7-x}{5}$

m)  $\frac{5x-12}{9} = x-12$

n)  $\frac{3,3x+0,8}{5} = \frac{x}{2}$

o)  $\frac{4x-1}{-11} = \frac{1}{3}$

p)

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

r)  $x-1 - \frac{x-1}{2} = 1 + \frac{x-1}{3}$

s)  $-\frac{1}{2x} + \frac{2}{3x} + \frac{3}{4x} = 2$

t)  $7\frac{1}{2}x - \frac{2}{3} = 11,5x + \frac{1}{3}$

u)  $5\frac{2}{3}x - \frac{3}{2} = 4\frac{1}{6}x + \frac{1}{2}$

v)  $\frac{x-2}{3} = \frac{x+4}{7}$

w)  $\frac{x-2}{9} = \frac{x+3}{4}$

Př. 2: Řeš rovnice:

$\frac{5x-3}{2} - \frac{1-7x}{3} = 4x-1$

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

$\frac{3x-8}{6} - \frac{6-3x}{5} = x - \frac{5}{2}$

$\frac{2-5x}{2} - \frac{3-7x}{5} = 1 - \frac{x+6}{10}$

$\frac{6+7x}{3} - \frac{5x-3}{6} = 2 - \frac{x+3}{2}$

$\frac{2x-5}{6} + \frac{x+3}{4} = \frac{3-x}{3} - \frac{6-7x}{8}$

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$\frac{2-5x}{2} - \frac{3-7x}{5} = 1 - \frac{x+6}{10}$

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$\frac{2x-5}{6} + \frac{x+3}{4} = \frac{3-x}{3} - \frac{6-7x}{8}$