

11. Řešte rovnici s neznámou c a proveďte zkoušku:

a) $\frac{c+4}{5} = \frac{c-4}{10}$

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

c) $5 - \frac{c+6}{2} = c - \frac{3c+1}{5} + \frac{2c-7}{2}$

d) $\frac{c+1}{2} + \frac{c-1}{9} - \frac{c}{6} = \frac{c+2}{6} - \frac{c-2}{3}$



11. Řešte nerovnici:

a) $3 \cdot (x+1) \leq 3x+2$

b) $\frac{1-x}{2} < \frac{3-2x}{4}$

c) $1-5x > -4-5 \cdot (x-1)$

d) $1-4 \cdot (1-x) \geq x+3 \cdot (x-1)$

e) $\frac{x}{2} + \frac{x}{3} \leq \frac{5x-1}{6}$

f) $1 - \frac{3x}{2} > \frac{1-2x}{3} - \frac{5x}{6}$