

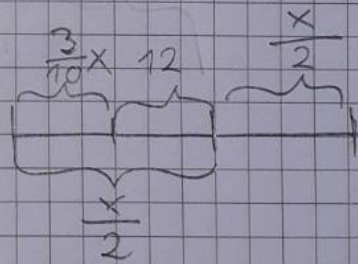
Вендибарбе

24.11.2020.

120. $\delta)$ $(3x-10)(x-1) - (x+1)(3x-4) = 2$
 $3x^2 - 3x - 10x + 10 - (3x^2 - 4x + 3x - 4) = 2$
 $3x^2 - 3x - 10x + 10 - 3x^2 + 4x - 3x + 4 = 2$
 $\underline{\underline{-3x - 10x + 10 + 4x - 3x + 4 = 2}}$
 $-3x - 10x + 4x - 3x = 2 - 10 - 4$
 $-12x = -12$
 $x = 1$

124. $\Pi)$ $\frac{2x-3}{5} - \frac{x+1}{2} - \frac{x-11}{10} = 0 \quad | \cdot 10$
 $\frac{2}{10} \cdot \frac{2x-3}{5} - \frac{5}{10} \cdot \frac{x+1}{2} - \frac{1}{10} \cdot \frac{x-11}{10} = 10 \cdot 0$
 $\underline{\underline{4x - 6 - 5x - 5 - x + 11 = 0}}$
 $4x - 5x - x = 0 + 6 + 5 - 11$
 $-2x = 0$
 $x = 0$

150. x - др. стр. књиге



$$\frac{3}{10}x + 112 = \frac{x}{2}$$
$$\frac{3x}{10} + 112 = \frac{x}{2} \quad | \cdot 10$$
$$\frac{1}{10} \cdot \frac{3x}{10} + 10 \cdot 112 = \frac{5}{10} \cdot \frac{x}{2}$$

$$3x + 1120 = 5x$$
$$3x - 5x = -1120$$
$$-2x = -1120$$

$$2x = 1120 \quad x = 560$$

Књига има 560 страна.

ММ

$$210. \quad a) \quad \frac{x-1}{3} + \frac{1-2x}{3} \geq \frac{x-3}{6} - \frac{1}{2} \quad | \cdot 6$$

$$2 \cdot \frac{x-1}{3} + 2 \cdot \frac{1-2x}{3} \geq 1 \cdot \frac{x-3}{6} - 3 \cdot \frac{1}{2}$$

$$\underline{2x - 2 + 2 - 4x} \geq \underline{1x - 3 - 3}$$

$$2x - 4x - 1x \geq -3 - 3 + 2 - 2$$

$$-3x \geq -6 \quad | \cdot (-1)$$

$$3x \leq 6$$

$$x \leq 2$$

$$x \in (-\infty, 2]$$

DOMAEN ZADATAK: 157.

215.