

# Ветрание

5.11.2020

$$\textcircled{125} \quad \frac{2x+3}{3} - \frac{5x-14}{12} = \frac{x+1}{4} - 3 \quad | \cdot 12$$
$$4 \cdot 2 \cdot \frac{2x+3}{3} - 12 \cdot \frac{5x-14}{12} = 3 \cdot \frac{x+1}{4} - 12 \cdot 3$$

$$4 \cdot (2x+3) - (5x-14) = 3 \cdot (x+1) - 36$$

$$8x+12-5x+14=3x+3-36$$

$$8x-5x-3x=3-36-12-14$$

$$0x = -59$$

$$0 = -59 \quad (\perp)$$

УРАВНЕНИЯ НЕМА РЕШЕНИЯ

$$\textcircled{126} \quad \text{a) } x - \frac{2x-5}{5} = 4 \quad | \cdot 5$$
$$5 \cdot x - 5 \cdot \frac{2x-5}{5} = 5 \cdot 4$$

$$5x - 2x + 5 = 20$$

$$5x - 2x = 20 - 5$$

$$3x = 15$$

$$x = 5$$

$$\text{b) } \frac{x+2}{5} - 3 = \frac{x-1}{2} - x \quad | \cdot 10$$
$$2 \cdot 10 \cdot \frac{x+2}{5} - 10 \cdot 3 = 5 \cdot \frac{x-1}{2} - 10 \cdot x$$

$$2 \cdot (x+2) - 30 = 5(x-1) - 10x$$

$$2x+4-30=5x-5-10x$$

$$2x-5x+10x=-5-4+30$$

$$7x = 21$$

$$x = 3$$

125) a)  $\frac{x+3}{6} - \frac{2x-1}{3} = 1 - \frac{1-x}{6} \quad | \cdot 6$   
 $1 \cdot 6 \cdot \frac{x+3}{6} - 2 \cdot \frac{2x-1}{3} = 6 \cdot 1 - 1 \cdot \frac{1-x}{6}$   
 $x+3 - 2 \cdot (2x-1) = 6 - 1 + x$   
 $x+3 - 4x+2 = 6-1+x$   
 $x-4x-x = 6-1-3-2$   
 $-4x = 0$   
 $x = 0$

b)  $\frac{x}{3} - \frac{1}{2} = \frac{x}{4} + \frac{1}{2} \quad | \cdot 12$   
 $4 \cdot \frac{x}{3} - 6 \cdot \frac{1}{2} = 3 \cdot \frac{x}{4} + 6 \cdot \frac{1}{2}$   
 $4x - 6 = 3x + 6$   
 $4x - 3x = 6 + 6$   
 $x = 12$

Domaći ostatak 124. zadatka  
 3) 2) 1) b)