

SKUP Q - RJEŠENJA ZADATAKA

1) $\frac{3}{4} > \frac{5}{8}$ Rj: Iana

2) $\frac{5}{7} > \frac{3}{5} > \frac{4}{9}$ Rj: Vanja

3) $\frac{1}{10} < \frac{1}{8} < \frac{7}{12} < \frac{2}{5}$ Rj: B

4) $\frac{2}{5} > \frac{2}{7} > \frac{3}{11}$ Rj: 2, dana

5) $1 - \left(\frac{1}{10} + \frac{1}{4} + \frac{2}{5}\right) = \dots = \frac{1}{4}$

6) M: $\frac{1}{4} \cdot 28 = 7$

T: $\frac{4}{7} \cdot 28 = 16$

H: $28 - 7 - 16 = 5$

Rj: Helena

7) $25.4 - 13.4 = 12$

$12 \cdot 2 = 24$

$25.4 - 24 = 1.4$

Rj: 1.4 kg

8) $0.8 : \frac{1}{0.8} = 1 + \frac{x \cdot (-x)}{100}$

$0.8^2 = 1 - \frac{x^2}{100}$

$0.64 = 1 - \frac{x^2}{100}$

$\frac{x^2}{100} = 1 - 0.64$

$\frac{x^2}{100} = 0.36$

$x^2 = 100 \cdot 0.36$

$x^2 = 36$

$x = \pm 6$

9) $\frac{25-x}{8+x} = \frac{5}{6}$

$6(25-x) = 5(8+x)$

$150 - 6x = 40 + 5x$

$-6x - 5x = 40 - 150$

$-11x = -110$

$x = 10$

$$\begin{aligned} 10) \text{ a) } (5-0,2) : (3,3-x) &= 12 \\ 4,8 : (3,3-x) &= 12 \\ 3,3-x &= 4,8 : 12 \\ 3,3-x &= 0,4 \\ x &= 3,3-0,4 \\ x &= 2,9 \end{aligned}$$

$$\begin{aligned} \text{b) } 1,1 - (5x+5,5) &= 11,1 \\ 5x+5,5 &= 1,1-11,1 \\ 5x+5,5 &= -10 \\ 5x &= -10-5,5 \\ 5x &= -15,5 \\ x &= -3,1 \end{aligned}$$

$$\begin{aligned} \text{c) } -1,2 \cdot (0,3+x) &= -3,6 \\ 0,3+x &= -3,6 : (-1,2) \\ 0,3+x &= 3 \\ x &= 3-0,3 \\ x &= 2,7 \end{aligned}$$

$$11) \text{ a) } 3$$

$$\text{b) } 27$$

$$\text{c) } 324615$$

$$\text{d) } 857142$$

$$12) \text{ a) } 3$$

$$\text{b) } 2$$

$$\text{c) } 1$$

$$\text{d) } 4$$

$$13) 5$$