



## Enačbe z ulomki

**Naloga 1.** Reši enačbe z ulomki.

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

b)  $\frac{x}{4} - \frac{x}{5} = \frac{1}{2}$

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

d)  $2 - \frac{x}{4} = 2x$

**Naloga 2.** Reši enačbe v množici  $U = \mathbb{Z}$ .

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

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

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

d)  $2 \cdot \left(\frac{x}{2} - 3\right) = \frac{2x}{3}$

**Naloga 3.** Katere enačbe so ekvivalentne?

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

b)  $\frac{x-1}{4} = -\frac{1}{4}$

c)  $1 + \frac{x}{5} = \frac{x}{2} + 1$



**Naloga 1.** a)  $x = \frac{10}{3}$  in  $R = \{3\frac{1}{3}\}$

b)  $x = 10$  in  $R = \{10\}$

c)  $x = \frac{6}{5}$  in  $R = \{1\frac{1}{5}\}$

d)  $x = \frac{8}{9}$  in  $R = \{\frac{8}{9}\}$

**Naloga 2.** a)  $x = 1$  in  $R = \{1\}$

b)  $x = \frac{20}{7}$  in  $R = \{\}$

c)  $x = -3,7$  in  $R = \{\}$

d)  $x = 18$  in  $R = \{18\}$

**Naloga 3.** Ekvivalentne so vse tri enačbe. Imajo enako množico rešitev.

a)  $x = 0$  in  $R = \{0\}$

b)  $x = 0$  in  $R = \{0\}$

c)  $x = 0$  in  $R = \{0\}$