

ZADACA OD 24.3.

1. Riješi jednačbe i provjeri ispravnost rješenja:

a)  $x + 27 = 95$

$$\begin{aligned} x + 27 &= 95 \quad | -27 \\ x + 27 - 27 &= 95 - 27 \\ \underline{x} &= 0 \end{aligned}$$

$x = 68$

PROVJERA:  
 $68 + 27 = 95$   
 $95 = 95$   
 ✓

b)  $x + 4 = 3$

$$\begin{aligned} x + 4 &= 3 \quad | -4 \\ x + 4 - 4 &= 3 - 4 \\ \underline{x} &= 0 \\ x &= -1 \end{aligned}$$

PROVJERA:  
 $-1 + 4 = 3$   
 $3 = 3$

2. Riješi jednačbe:

a)  $5 + x = 0$

$$5 + x = 0 \quad | -5$$

$$5 - 5 + x = 0 - 5$$

$x = -5$

b)  $8.4 + x = 6$

$$8.4 + x = 6 \quad | -8.4$$

$$8.4 - 8.4 + x = 6 - 8.4$$

$x = -2.4$

3. Riješi jednačbe i provjeri ispravnost rješenja:

a)  $x - 3.5 = 6.7$

$$x - 3.5 = 6.7 \quad | +3.5$$

$$x - 3.5 + 3.5 = 6.7 + 3.5$$

$x = 10.2$

PROVJERA:  
 $10.2 - 3.5 = 6.7$   
 $6.7 = 6.7$

b)  $x - 13 = 0$

$$x - 13 = 0 \quad | +13$$

$$x - 13 + 13 = 0 + 13$$

$x = 13$

ZADACA OD 25.3.

1. Riješi jednačbe i provjeri ispravnost rješenja:

a)  $10 - b = 5$

$$10 - b = 5 \quad | -10$$

$$10 - 10 - b = 5 - 10$$

$$\underline{-b} = -5$$

$$5 = b$$

$$b = 5$$

KAD NEKI ČLAN JEDNAČBE  
 PRIJEDE NA DRUGU STRANU  
 JEDNAKOSTI, MORAMO MU  
 PROMIJENITI PREDZNAK!!!

PROVJERA:  $10 - 5 = 5$   
 $5 = 5$   
 ✓

b)  $24 - d = 6$

$$\underline{24} - d = 6$$

$$\underline{-d} = 6 - 24$$

$$\underline{-d} = -18$$

$$18 = d$$

OVAJ PRIMJER JE UPRAĐEN NA  
 DRUGI NAČIN, TAKO DA BROJ UZ  
 NEPOZNANICU PREBACUJEMO NA  
 DESNU STRANU, VI MOŽETE UPADITI I  
 NA PRVI NAČIN.

← PREBACILI I PROMIJENILI PREDZNAK

PROVJERA:  $24 - 18 = 6$

$6 = 6$  ✓

c)  $20 - t = 16.2$

$$-t = 16.2 - 20$$

$$-t = -3.8$$

$$3.8 = t$$

PROVJERA:  $20 - 3.8 = 16.2$   
 $16.2 = 16.2$   
 ✓

d)  $34.5 - k = 27.6$

$$-k = 27.6 - 34.5$$

$$-k = -6.9$$

$$6.9 = k$$

PROVJERA:

$$34.5 - 6.9 = 27.6$$

$$27.6 = 27.6$$

✓

2. Učveďte x:

$$a) 40 - x = -5$$

$$-x = -5 - 40$$

$$-x = -45$$

$$45 = x$$

$$b) 35 - x = 86$$

$$-x = 86 - 35$$

$$-x = 51$$

$$-51 = x$$

3. Řijši jednadžbe:

$$a) \frac{5}{6} + x = 1\frac{1}{2}$$

$$\frac{5}{6} + x = \frac{3}{2} \quad | -\frac{5}{6}$$

$$\underbrace{\frac{5}{6} - \frac{5}{6}}_{=0} + x = \frac{3}{2} - \frac{5}{6}$$

$$x = \frac{9-5}{6}$$

$$x = \frac{4}{6}$$

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

$$b) x - \frac{1}{2} = -\frac{1}{6}$$

$$x - \frac{1}{2} = -\frac{1}{6} \quad | +\frac{1}{2}$$

$$x - \frac{1}{2} + \frac{1}{2} = -\frac{1}{6} + \frac{1}{2}$$

$$x = \frac{-1+3}{6}$$

$$x = \frac{2}{6}$$

$$x = \frac{1}{3}$$

$$c) y - 3\frac{1}{2} = 5\frac{3}{4}$$

$$y - \frac{7}{2} = \frac{23}{4} \quad | +\frac{7}{2}$$

$$y - \frac{7}{2} + \frac{7}{2} = \frac{23}{4} + \frac{7}{2}$$

$$y = \frac{23+14}{4}$$

$$y = \frac{37}{4}$$

$$y = 9\frac{1}{4}$$

$$d) \frac{-5}{8} - y = 2.25$$

$$\frac{-5}{8} - y = \frac{225}{100} \quad | +\frac{5}{8}$$

$$\underbrace{\frac{-5}{8} + \frac{5}{8}}_{=0} - y = \frac{9}{4} + \frac{5}{8}$$

$$-y = \frac{18+5}{8}$$

$$-y = \frac{23}{8}$$

$$\frac{23}{8} = y$$

$$2\frac{7}{8} = y$$

4. Řijši jednadžbe:

$$a) 3 = -x + 2$$

$$x = 2 - 3$$

$$x = -1$$

$$b) -1 = x - 5$$

$$-x = -5 + 1$$

$$-x = -4$$

$$4 = x$$