

6. razred

Kviz 1 – Uvod u jednadžbe i rješavanje jednadžbi $ax=b$

Pažljivo čitaj zadatke i dane upute.



1. (/12) Sredi izraze (zapiši u kraćem obliku):

a) $-14x + 18x =$

e) $-2x + x =$

b) $-46x - 46x =$

f) $y - 2y =$

c) $-88b + 81b =$

g) $-y - y - y + 2y + 2y =$

d) $17c - 6c =$

h) $-a + 2a - a - a =$

i) $-8a + 10b + a + a - 5b =$

j) $-16x + 12x + 5y - y =$

k) $-36c + 18d + 19c =$

l) $4a - 5b - 4a - 5b - 12a - 12b =$

2. (/8) Sredi izraze (zapiši u kraćem obliku):

a) $4x \cdot 9 =$

e) $81b : 9 =$

b) $-12a \cdot (-4) =$

f) $-54y : (-6) =$

c) $c \cdot (-1) =$

g) $-29x : 29 =$

d) $-a \cdot (-4) =$

h) $0x : 10 =$

3. (/4) Riješi se zagrada:

a) $+(-5x + 7) =$

$$b) +(-a - 11) = \boxed{}$$

$$c) -(-4b - 8) = \boxed{}$$

$$d) -(4a - 5b + 1) = \boxed{}$$

4. (/4) Riješi se zagrada:

$$a) -7 \cdot (-6a + 3) = \boxed{}$$

$$b) 3 \cdot (-9b + 8) = \boxed{}$$

$$c) (-a + 8) \cdot (-7) = \boxed{}$$

$$d) (4a - 3) \cdot (-12) = \boxed{}$$



5. (/16) Riješi jednađbe. (Razlomke piši u obliku: $\frac{1}{2}$,
a mješovite brojeve $1 \frac{1}{2}$)

$$a) 6x = 12 \quad \boxed{} \\ \boxed{}$$

$$b) 4x = -5 \quad \boxed{} \\ \boxed{}$$

$$c) -5x = 20 \quad \boxed{} \\ \boxed{}$$

$$d) -9y = -81 \quad \boxed{} \\ \boxed{}$$

$$e) -27x = 18 \quad \boxed{} \\ \boxed{}$$

$$f) 8x = -51 \quad \boxed{} \\ \boxed{}$$

$$g) -y = -125 \quad \boxed{} \\ \boxed{}$$

$$h) -n = 21 \quad \boxed{} \\ \boxed{}$$