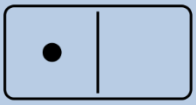
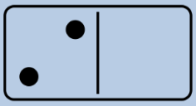
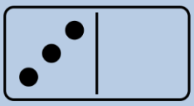
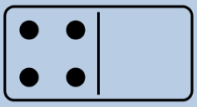
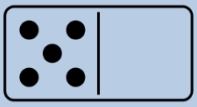
DOMAĆA ZADAĆA	**6.3 – 2. web dz**				
ROK PREDAJE	**Srijeda, 22.4.2026.**				
UPUTE	**Domaću zadaću predajete napisane u zadaćnici, najbolje matematičkoj iako ću prihvaćati i ostale vrste zadaćnica.** **Ne uzimam bilježnice, papire i tome slično.** **Ime i prezime napišite na naslovnice zadaćnice u gornjem desnom kutu (može biti i na naljepnici) ili na prostoru na naslovnici zadaćnice koji je tome i namijenjen.** **Nepotpisane zadaćnice se neće ni pregledavati.** **Tekst zadatka se piše kemijskom olovkom crne ili plave boje, dok se rješenja s postupkom pišu grafitnom ili tehničkom olovkom. Rješenja zadataka uokvirite kemijskom olovkom crne ili plave boje.** **Ne priznajem izrezane tekstove zadataka.** **Tekstove zadatka prepišite, a bilo kakve slike precrtajte geometrijskim priborom što je točnije moguće.** **Ne priznajem izrezane i zaljepljene slike.** **Zadaćnice predane nakon zadanog roka se neće pregledavati osim u slučaju opravdanog razloga.** **Pitanja vezano za zadaću šaljite na mail:** **sinisa.pogacic@gmail.com**				
BODOVNA SKALA	**76 - 84**	**63 - 75**	**50 - 62**	**38 - 49**	**0 - 37**
BODOVI ZA TEST	**4**	**3**	**2**	**1**	**0**

	Linearne jednadžbe ax + b = cx + d
	**Riješi jednadžbu:** **a)** 2x = 3x + 5 **b)** 4x = 13 + 2x
	**Riješi jednadžbu:** **a)** 3x = -2x + 11 **b)** -2x = 17 - 5x **c)** -x = 12 - 4x **d)** -8x = 21 - 10x
	**Riješi jednadžbu:** **a)** 4x = 12 - x **b)** -6x = 3x - 28 **c)** 10x - 6 = 4x **d)** -3x + 25 = 8x **e)** 6x = 27 - 4x **f)** -8x + 29 = 2x
	**Riješi jednadžbu:** **a)** 9x - 28 = 12 + 4x **b)** -x + 23 = -25 + 4x **c)** 3x + 12 - 2x = -16 **d)** 2x - 44 - 3x = 12 **e)** -3x = 11 - 4x - 36 **f)** 2x - 8 = -3x + 41 **g)** 7x = - 18 - 101 + 15x **h)** -11x + 17 = -3x - 29



Riješi jednadžbu:

a) 4x - 2 + 3x = -15 + 6x

b) 2x - 22 - 4x = 19 - 3x

c) 10x - 17 + 5x = 23 + 5x

d) -9x - 2 = 4x + 20 - 2x

e) 2x - 14 + 22x = 25x + 13

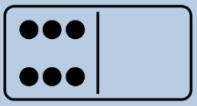
f) 4x - 16 + 7x = 8x + 21

g) 3x - x - 21 = 17 - 4x

h) 7x - 19 + 10x = 18 - x

i) 3x - 29 = 2 - 4x - x

j) 7x - 18 = -3 - 2x - 3x



Riješi jednadžbu:

a) 7x - 11 - 2x = 3x - 12 + 5x

b) 8 - 2x + 13 = x + 15 - 4x

c) 9x - 18 + x = 7x + 29 - 13

d) 3x - 17 - 9x = 10 - 11x - 2

e) 7x - 8 + 4x = 10x + 2 - x

f) 9 + 9x - 19 = 9 - 4x + 7x

g) 16 - x - x = 27 - 2x - 3x

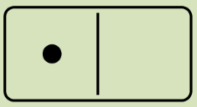
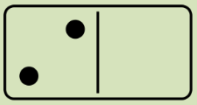
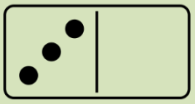
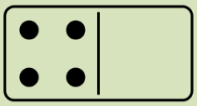
h) 9 - 2x - 20 = 31 - 2 - 4x

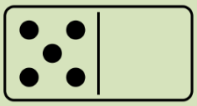
i) 6x - 18 + 9x = 1 - x - 2x

j) 8x - 4 - 7x = 5 - 7x - 6

k) 3x - 9 - 1 = 12x - 4 - 15

l) 3x - 8x - 10x = 4x - 7x - 8x

	Linearne jednadžbe sa zagradama
	**Riješi jednadžbu:** **a)** 2x - (3x - 1) = 4 **b)** -5 + (4x + 2) = 6
	**Riješi jednadžbu:** **a)** 6 - (4 - 2x) = 17 **b)** 2x - (3 - 6x) = 8 **c)** 3 + (7 - 2x) = 9 **d)** 5x + (9 - 10x) = 1
	**Riješi jednadžbu:** **a)** 8 - (2x - 1) = -9 + (3x + 2) **b)** 7 + (3 - 4x) = 4 + (5 + 4x) **c)** -5 - (8 - 2x) = 6 + (x + 3) **d)** (8 - 2x) + 4 = 3 - (5 - x) **e)** -9 + (4 - 5x) = -6 - (8x - 2) **f)** 5 + (2 - x) = (3x + 1) - 9
	**Riješi jednadžbu:** **a)** (5 - 2x) + (3 - 4x) = (7 - 2x) **b)** (3x - 3) + (7x - 4) = -(5 + x) **c)** (8 - x) - (7x - 4) = (2x - 1) **d)** (2x + 1) + (3x - 1) = -(4x - 1) **e)** -(6 - 2x) + (3 - x) = -(7x + 2) **f)** -(2x - 1) + (3x - 1) = - (2 - 4x) **g)** -(2x - 2) - (3x + 3) = -(4x + 4) **h)** -(4 + 2x) + (8 + 2x) = -(7 - 3x)



Riješi jednadžbu:

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

b) $4(3 - 2x) = 8x + 5$

c) $7(4 - x) = 9 - 2x$

d) $-3(2x + 4) = -7x - 3$

e) $-4(6 - 3x) = 2 - x$

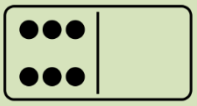
f) $8 - 2x = 4(3x - 5)$

g) $9 + x = -3(5 - 3x)$

h) $8 - 3x = -2(8 + 3x)$

i) $9 = 2(4 - 3x) + 7$

j) $3x = -4(-2 - x) - 9$



Riješi jednadžbu:

a) $7(2 + 3x) = 4(6 - 3x)$

b) $-8(x + 4) = -2(5x - 1)$

c) $3(3 - 2x) = 9(4x + 1)$

d) $-6(4x - 2) = -(3x + 2)$

e) $(5 - 2x) = -3(x - 8)$

f) $-4(9 - 2x) = -8(4 + 2x)$

g) $2(4 + x) - 4(-3 - 2x) = -6(2x + 4)$

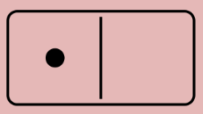
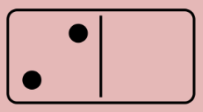
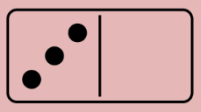
h) $5(3x + 1) - 3(4 - x) = -2(5x + 1)$

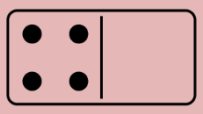
i) $-2(4 - x) + 2(5x + 1) = -(4x + 1)$

j) $2(3 + x) + (8 - 2x) = 5(x + 1) + 2(x - 1)$

k) $6(x - 1) - 5(x + 1) = 4(1 - x) - 3(1 + x)$

l) $-(3x + 2) - 2(4 + x) = 7(x - 1) - 9(2x + 1)$

	Linearne jednadžbe s razlomcima
	**Riješi jednadžbu:** **a)** $\frac{x}{8} = 5$ **b)** $\frac{x}{3} = -4$
	**Riješi jednadžbu:** **a)** $\frac{x}{5} + 2 = 17$ **b)** $\frac{x}{4} + 3 = -9$ **c)** $\frac{x}{2} - 7 = 11$ **d)** $\frac{x}{3} - 2 = -20$
	**Riješi jednadžbu:** **a)** $\frac{2x}{3} - 5 = -1$ **b)** $\frac{3x}{4} + 9 = 0$ **c)** $\frac{3x}{5} + 2 = 4$ **d)** $\frac{5x}{6} - 3 = 2$ **e)** $\frac{2x}{7} + 2 = 5$ **f)** $\frac{2x}{4} + 1 = -6$



Riješi jednadžbu:

a) $\frac{x}{3} + \frac{x}{4} = 1$

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

c) $\frac{3x}{8} + \frac{x}{4} = 3$

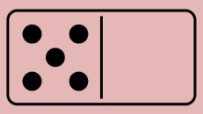
d) $\frac{2x}{5} - \frac{x}{2} = 4$

e) $\frac{x}{3} + 2x = 3$

f) $\frac{3x}{7} - x = 4$

g) $\frac{2x}{5} - 3x = -6$

h) $\frac{2x}{5} + 4x = 7$



Riješi jednadžbu:

a) $\frac{5x+28}{9} = 7$

b) $\frac{3x+1}{8} = 6$

c) $\frac{2x-3}{7} = -5$

d) $\frac{5x-6}{6} = 4$

e) $\frac{2x+14}{5} = 3$

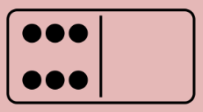
f) $\frac{3x+2}{4} = \frac{2}{3}$

g) $\frac{-2x+5}{3} = -\frac{7}{8}$

h) $\frac{5x-1}{2} = \frac{7}{4}$

i) $\frac{6-2x}{3} = \frac{3}{5}$

j) $\frac{4x-13}{8} = -\frac{5}{6}$



Riješi jednadžbu:

a) $\frac{3x-4}{6} = \frac{3x}{8}$

b) $\frac{6x-2}{5} = \frac{2x}{4}$

c) $\frac{2x-4}{3} = -\frac{x}{8}$

d) $\frac{3x+1}{5} = \frac{5x}{6}$

e) $\frac{3x-2}{4} = \frac{4-2x}{6}$

f) $\frac{3x+2}{4} = \frac{8-3x}{3}$

g) $\frac{4-x}{6} = \frac{4-x}{5}$

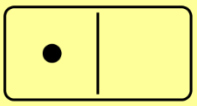
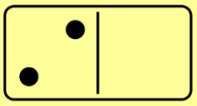
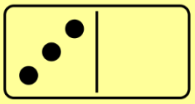
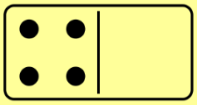
h) $\frac{8x-2}{7} = \frac{x+6}{3}$

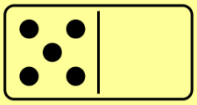
i) $\frac{x}{8} + \frac{3x+2}{6} = \frac{5x-1}{4}$

j) $\frac{6x}{5} + \frac{3x-2}{10} = \frac{4x-1}{2}$

k) $\frac{2-x}{4} - \frac{3x-4}{6} = \frac{5-2x}{8}$

l) $\frac{4x-1}{6} + \frac{5x+1}{4} = \frac{5-x}{12}$

	Linearne nejednadžbe
	**Riješi nejednadžbu:** **a)** $2x < 48$ **b)** $-3x < 36$
	**Riješi nejednadžbu:** **a)** $8x > -152$ **b)** $3x > 45$ **c)** $-4x > -44$ **d)** $-6x > 60$
	**Riješi nejednadžbu:** **a)** $8x \leq 2$ **b)** $3x \leq 2$ **c)** $5x \leq 7$ **d)** $-2x \geq -5$ **e)** $-4x \geq -11$ **f)** $-6x \leq -33$
	**Riješi nejednadžbu:** **a)** $2x - 8 < 0$ **b)** $3x + 6 < 0$ **c)** $-4x - 12 > 0$ **d)** $-5x + 75 > 0$ **e)** $4x - 5 \leq 0$ **f)** $-2 + 3x \leq 0$ **g)** $-11 + 2x \geq 0$ **h)** $6x - 25 \geq 0$



Riješi nejednadžbu:

a) $2x + 1 \geq 7$

b) $6 - 5x < -4$

c) $7x - 13 \geq 8$

d) $1 - 2x \leq 3$

e) $-14 - 6x > -2$

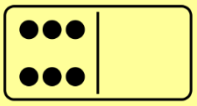
f) $5x - 12 \geq 18$

g) $9x - 7 > -16$

h) $-5x - 9 > -19$

i) $8x - 11 \geq 21$

j) $5 - 7x \leq -16$



Riješi nejednadžbu:

a) $3x - 5 \geq 2 + 2x$

b) $2x - 4 < 5 - 4x$

c) $4x - 8 \leq 11 + x$

d) $5x + 12 \geq 23 - x$

e) $6x + 14 > 15 + 3x$

f) $7x + 11 > 17 - 2x$

g) $12 + 3x \geq 31 + 4x$

h) $17 + 2x \leq 20 + 5x$

i) $-16 + 4x \geq 3 - 4x$

j) $-8 + 5x > 33 - x$

k) $-11 + 6x < 12 + 7x$

l) $-33 + 14x \geq 1 + 12x$