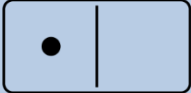
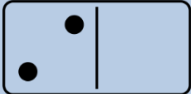
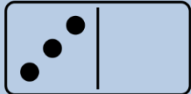

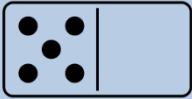


DOMAĆA ZADAĆA	6.3 – 1. web dz				
ROK PREDAJE	Srijeda, 18.3.2026.				
UPUTE	<p>Domaću zadaću predajete napisane u zadaćnici, najbolje matematičkoj iako ću prihvaćati i ostale vrste zadaćnica. Ne uzimam bilježnice, papire i tome slično.</p> <p>Ime i prezime napišite na naslovnice zadaćnice u gornjem desnom kutu (može biti i na naljepnici) ili na prostoru na naslovnici zadaćnice koji je tome i namijenjen. Nepotpisane zadaćnice se neće ni pregledavati.</p> <p>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.</p> <p>Tekstove zadatka prepišite, a bilo kakve slike precrtajte geometrijskim priborom što je točnije moguće. Ne priznajem izrezane i zaljepljene slike.</p> <p>Zadaćnice predane nakon zadanog roka se neće pregledavati osim u slučaju opravdanog razloga.</p> <p>Pitanja vezano za zadaću šalžite na mail: sinisa.pogacic@gmail.com</p>				
BODOVNA SKALA	76 - 84	63 - 75	50 - 62	38 - 49	0 - 37
BODOVI ZA TEST	4	3	2	1	0

	Cijeli brojevi
	<p>Izračunaj:</p> <p>a) $-6 \cdot (-12 + 23 + (-15))$</p> <p>b) $200 : (-51 - (-40) + 1)$</p>
	<p>Pomnoži sve cijele brojeve koji zadovoljavaju uvjet:</p> <p>a) $-3 < a < 8$</p> <p>b) $-24 \leq b < -20$</p> <p>c) $-36 < c \leq -32$</p> <p>d) $-19 \leq d \leq -12$</p>
	<p>Izračunaj:</p> <p>a) $4 \cdot (-5) - (-6) \cdot 8$</p> <p>b) $(-4) \cdot 2 + 6 \cdot 11$</p> <p>c) $-5 \cdot 3 \cdot (-2) + 7 \cdot (-7)$</p> <p>d) $-12 : (-4) + 3 \cdot (-3)$</p> <p>e) $-32 : (-4) + (-8) \cdot 9$</p> <p>f) $-60 : 15 + 60 : (-4) - 21$</p>
	<p>Izračunaj:</p> <p>a) $-2^2 + (-3)^2$</p> <p>b) $-4^2 - 5^2$</p> <p>c) $-6^2 + 7^2$</p> <p>d) $(-8)^2 + (-9)^2$</p> <p>e) $10^2 + (-11)^2$</p> <p>f) $(-12)^2 - 13^2$</p> <p>g) $(-14)^2 - 15^2 + 16^2$</p> <p>h) $17^2 - 18^2 + (-19)^2$</p>



Izračunaj:

a) $-4 \cdot (-3 + 5 - 8) - 4 \cdot (-12 + (-4))$

b) $3 \cdot (-2) \cdot (-10) - 16 - 42 : (-6)$

c) $24 + 24 : (-12) - 4 \cdot 5 \cdot (-6) - 11$

d) $31 \cdot 0 + 15 \cdot (-1) - 16 : (-2) - (-17)$

e) $8 + 8 : (-4) + 7 \cdot (-14) + 320 : (-2)$

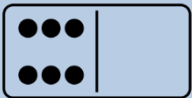
f) $-48 : (-8) - 48 : (-4) + 48 : 2 + 48$

g) $16 \cdot (-3) + 4 \cdot (15 - (-71) + 21)$

h) $-12 \cdot (-2) : 6 - (-14 - 6) \cdot 20$

i) $100 \cdot (-2) + (-25) - (-17) \cdot 8$

j) $61 - 6 \cdot (-16) + 36 : (-6) - (-16)$



a) **Izračunaj vrijednost izraza $2x^2 - 17$ ako je $x = 3$.**

b) **Izračunaj vrijednost izraza $-3x^2 + 21$ ako je $x = -4$.**

c) **Izračunaj vrijednost izraza $-2x^2 - 3x + 4$ ako je $x = 2$.**

d) **Izračunaj vrijednost izraza $5x^2 - 6x - 7$ ako je $x = -4$.**

e) **Izračunaj vrijednost izraza $-5a - 12b$ ako je $a = 1$, $b = 2$.**

f) **Izračunaj vrijednost izraza $-8a + 7b$ ako je $a = 3$, $b = -4$.**

g) **Izračunaj vrijednost izraza $4a - 12b$ ako je $a = -5$, $b = 6$.**

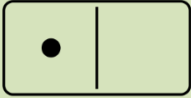
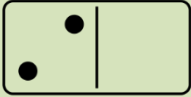
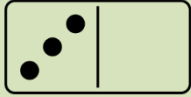
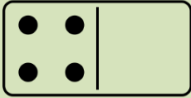
h) **Izračunaj vrijednost izraza $-9a - b$ ako je $a = 7$, $b = -8$.**

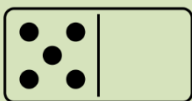
i) **Izračunaj vrijednost izraza $4a - 3b + 2c$ ako je $a = 1$, $b = 2$, $c = 3$.**

j) **Izračunaj vrijednost izraza $-5a + 6b - 7c$ ako je $a = 4$, $b = 5$, $c = -6$.**

k) **Izračunaj vrijednost izraza $10a - 9b - 8c$ ako je $a = 7$, $b = -8$, $c = 9$.**

l) **Izračunaj vrijednost izraza $-11a + 13b + 12c$ ako je $a = 10$, $b = -11$, $c = -12$.**

Linearne enačbe $x + a = b$	
	<p>Riješi enačbu i provjeri ispravnost rješenja:</p> <p>a) $a + 6 = 10$</p> <p>b) $b - 27 = 95$</p>
	<p>Riješi enačbu i provjeri ispravnost rješenja:</p> <p>a) $8 + a = -11$</p> <p>b) $-20 + b = 32$</p> <p>c) $11 + c = 41$</p> <p>d) $-17 + d = -19$</p>
	<p>Riješi enačbu i provjeri ispravnost rješenja:</p> <p>a) $a + 4.1 = 7.8$</p> <p>b) $3.04 + b = 8.1$</p> <p>c) $c - 4.4 = 12.91$</p> <p>d) $d + 2 = 6.66$</p> <p>e) $e - 3 = 7.89$</p> <p>f) $f + 1.42 = 14.2$</p>
	<p>Riješi enačbu i provjeri ispravnost rješenja:</p> <p>a) $40 - a = -15$</p> <p>b) $100 - b = -39$</p> <p>c) $35 - c = 86$</p> <p>d) $-21 - d = 24$</p> <p>e) $-16 = 31 + e$</p> <p>f) $11 = f + 23$</p> <p>g) $41 = -g - 12$</p> <p>h) $-123 = 45 - h$</p>



Riješi jednadžbu i provjeri ispravnost rješenja:

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

b) $b + \frac{1}{2} = \frac{3}{5}$

c) $c - \frac{3}{4} = \frac{1}{6}$

d) $d - \frac{5}{8} = \frac{2}{3}$

e) $\frac{1}{2} + e = \frac{7}{10}$

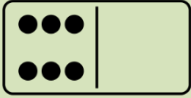
f) $\frac{2}{5} + f = \frac{5}{9}$

g) $\frac{2}{3} + g = \frac{3}{4}$

h) $h - \frac{5}{12} = \frac{6}{10}$

i) $i - \frac{4}{5} = \frac{4}{10}$

j) $j - \frac{1}{6} = \frac{2}{5}$



Riješi jednađbu i provjeri ispravnost rješenja:

a) $a + \frac{3}{4} = 1\frac{5}{6}$

b) $b + \frac{2}{3} = 2\frac{1}{5}$

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

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

e) $e - \frac{5}{6} = 1\frac{5}{8}$

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

g) $g - 1\frac{5}{6} = 1\frac{1}{2}$

h) $h + 1\frac{2}{3} = 2\frac{3}{4}$

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

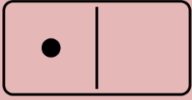
j) $j - 3\frac{1}{4} = 4\frac{1}{3}$

k) $k - 2\frac{1}{6} = 1\frac{4}{5}$

l) $l - 3\frac{1}{4} = 1\frac{5}{8}$

Linearne jednadžbe $ax + b = c$

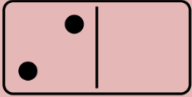
Riješi jednadžbu i provjeri ispravnost rješenja:



a) $2x = 32$

b) $-3x = 18$

Riješi jednadžbu i provjeri ispravnost rješenja:



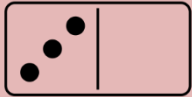
a) $8x = -144$

b) $3x = 15$

c) $-4x = -48$

d) $6x = 0$

Riješi jednadžbu i provjeri ispravnost rješenja:



a) $8x = 2$

b) $3x = 2$

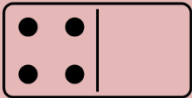
c) $5x = 7$

d) $2x = 5$

e) $4x = 11$

f) $6x = 33$

Riješi jednadžbu i provjeri ispravnost rješenja:



a) $2x - 8 = 0$

b) $3x + 6 = 0$

c) $-4x - 12 = 0$

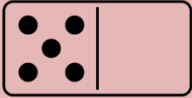
d) $-5x + 75 = 0$

e) $4x - 5 = 0$

f) $-2 + 3x = 0$

g) $-11 + 2x = 0$

h) $6x - 25 = 0$



Riješi jednađbu i provjeri ispravnost rješenja:

a) $2x + 1 = 7$

b) $6 - 5x = -4$

c) $7x - 13 = 8$

d) $1 - 2x = 3$

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

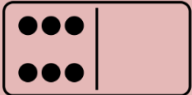
f) $5x - 12 = 18$

g) $9x - 7 = -16$

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

i) $8x - 11 = 21$

j) $5 - 7x = -16$



Riješi jednađbu i provjeri ispravnost rješenja:

a) $3x - 5 = 2$

b) $2x - 4 = 5$

c) $4x - 8 = 11$

d) $5x + 12 = 23$

e) $6x + 14 = 15$

f) $7x + 11 = 17$

g) $12 + 3x = 31$

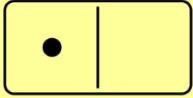
h) $17 + 2x = 20$

i) $16 + 4x = 39$

j) $-8 + 5x = 33$

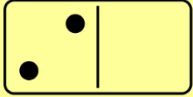
k) $-11 + 6x = 12$

l) $-33 + 14x = 1$

Linearne jednađbe $ax + b = cx + d$ **Riješi jednađbu:**

a) $2x = x + 5$

b) $4x = 3 + 3x$

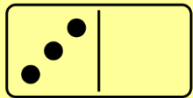
**Riješi jednađbu:**

a) $3x = 2x - 1$

b) $-2x = 7 - 3x$

c) $-x = 2 - 2x$

d) $-9x = -2 - 10x$

**Riješi jednađbu:**

a) $3x = 12 - x$

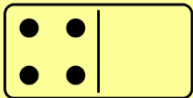
b) $-6x = 3x - 18$

c) $10x - 36 = 4x$

d) $33x + 55 = 38x$

e) $6x = 37 - 4x$

f) $8x - 19 = 2x$

**Riješi jednađbu:**

a) $9x - 18 = 22 + 4x$

b) $-x + 13 = -2 + 4x$

c) $3x + 2 - 2x = 6$

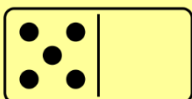
d) $2x - 4 - x = 1$

e) $-3x = 1 - 4x - 6$

f) $2x - 18 = -3x + 4$

g) $7x = -8 + 11 + 5x$

h) $11x - 7 = -3x + 19$



Riješi jednađbu:

a) $4x - 12 + 3x = -5 + 6x$

b) $2x - 12 - 4x = -9 - 3x$

c) $10x - 7 + 5x = 33 + 5x$

d) $-9x - 12 = 4x + 10 - 2x$

e) $2x - 4 + 22x = 25x + 3$

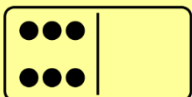
f) $4x - 6 + 7x = 8x + 11$

g) $3x - x - 1 = 7 - 4x$

h) $7x - 9 + 10x = 8 - x$

i) $3x - 9 = 12 - 4x - x$

j) $7x - 8 = 13 - 2x - 3x$



Riješi jednađbu:

a) $7x + 10 - x = -3x - 10 + 5x$

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

c) $9x - 8 + x = 7x + 9 - 13$

d) $3x - 7 - 9x = 10 - 11x - 12$

e) $7x - 9 + 4x = 9x + 12 - x$

f) $9 + 9x - 9 = 99 - 4x + 7x$

g) $6 - x - x = 7 - 2x - 3x$

h) $9 - 2x - 10 = 11 - 12 - 4x$

i) $6x - 8 + 9x = 13 - x - 2x$

j) $8x - 9 - 7x = 8 - 7x - 6$

k) $23x - 9 - 11 = 12x - 4 - 5$

l) $3x - 8 - 10x = 4x - 7x - 9x$