

Ivan Mrkonjić · Boško Jagodić · Đurđica Salamon Padjen

MOJA MATEMATIKA

1

ZBIRKA ZADATAKA

ZA UČENIKE PRVOG RAZREDA OSNOVNE ŠKOLE

PRVO IZDANJE
ZAGREB, 2021.



PREDGOVOR

Ova je zbirka zadataka dodatni nastavni materijal koji obogaćuje učenje matematike u prvom razredu osnovne škole.

Neovisna je o izboru udžbenika jer prati sve domene predmeta Matematika u okvirima propisanim kurikulumom. Usmjeren je prema matematičkim procesima: prikazivanju i komunikaciji, povezivanju, logičkom mišljenju, argumentiranju i zaključivanju, rješavanju problema i matematičkom modeliranju te, ovdje u manjoj mjeri, prema primjeni tehnologije.

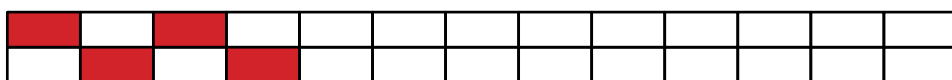
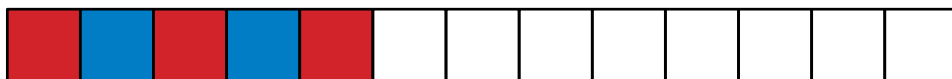
Rješavajući zadatke iz ove zbirke, učenici će postati svjesni vrijednosti vlastitih matematičkih kompetencija, što će ih motivirati da se i dalje aktivno razvijaju kako u matematici, tako i u ostalim područjima učenja i života.

DOBRODOŠLI U ŠKOLU!

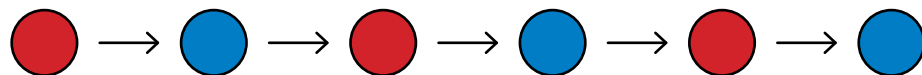
PRAVILNO NIZANJE



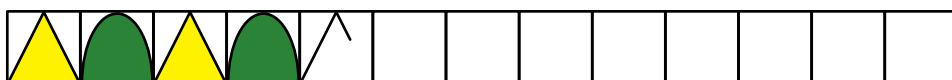
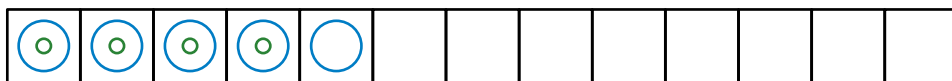
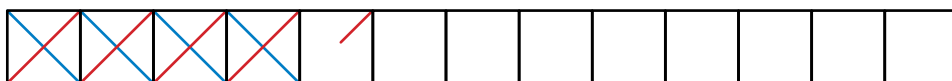
NASTAVI BOJATI.



SPOJI ONO ŠTO NASTAVLJA NIZ.



NASTAVI NIZ.

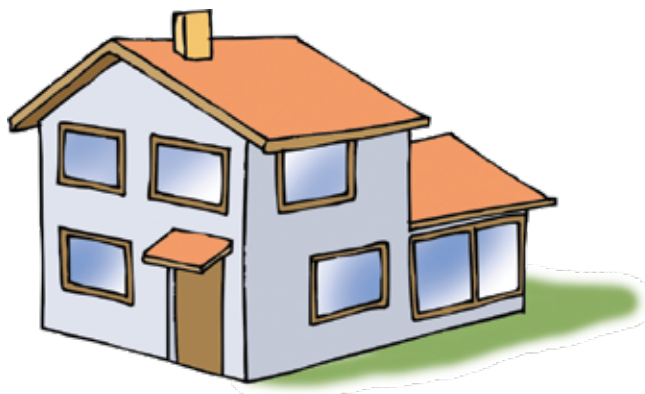


ODNOSI MEĐU PREDMETIMA

VEĆE – MANJE



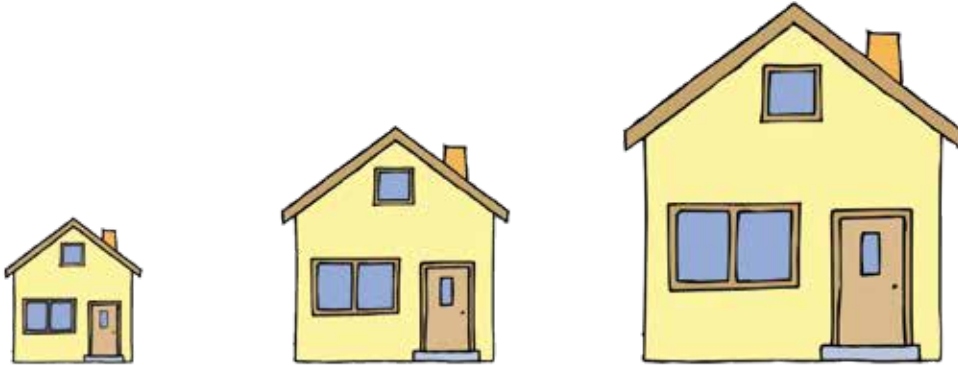
OZNAČI ZNAKOM ✓ ONO ŠTO JE MANJE.



NAJVEĆE – NAJMANJE



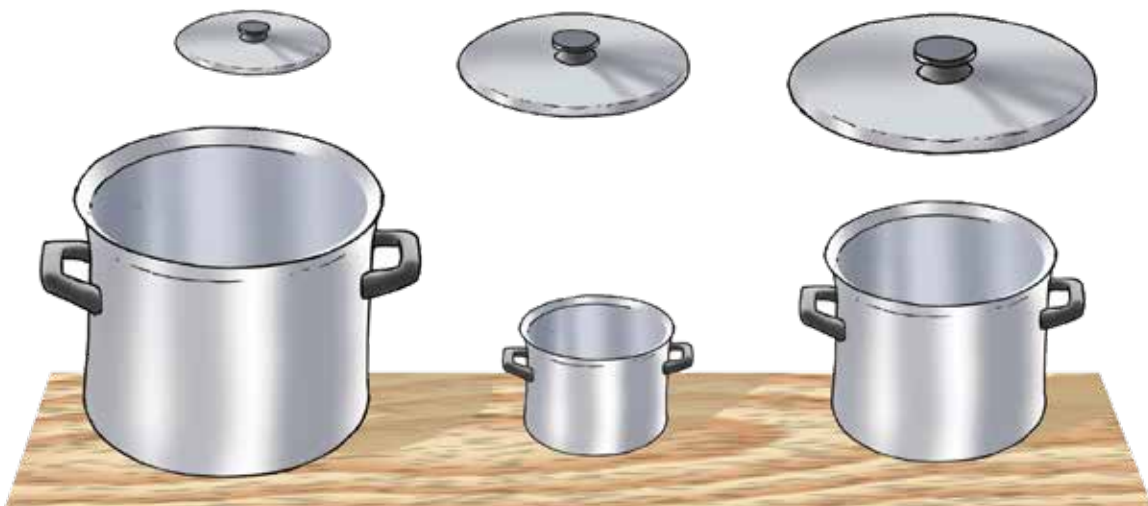
NAJMANJU KUĆU ZAOKRUŽI, A NAJVEĆU PRECRTAJ.



NAJMANJU JAKNU OBOJI PLAVO, A NAJVEĆU CRVENO.



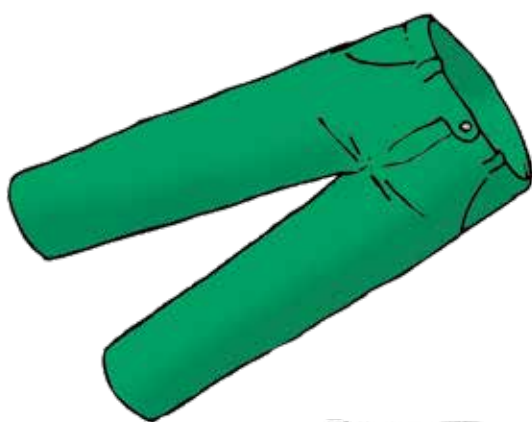
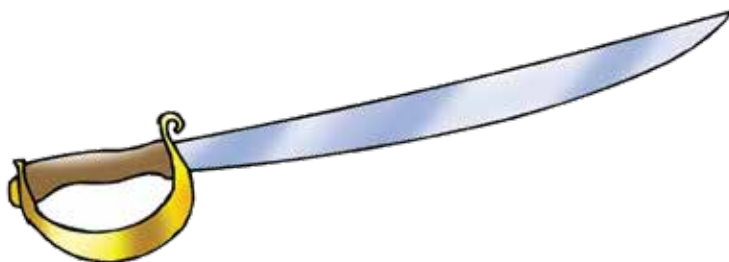
PRIDRUŽI POKLOPCE LONCIMA.



DULJE – KRAĆE



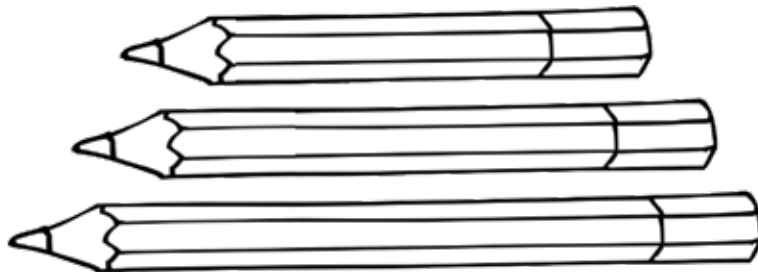
OZNAČI KVAČICOM ONO ŠTO JE KRAĆE.



NAJDULJE – NAJKRAĆE



NAJDULJU OLOVKU OBOJI **CRVENO**, A NAJKRAĆU **PLAVO**.



NAJKRAĆI ŠTAP ZAOKRUŽI, A NAJDULJI PRECRTAJ.



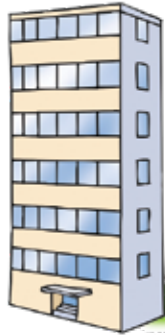
NAJKRAĆI PUT OZNAČI ✓, A NAJDULJI ✓.



VIŠE – NIŽE



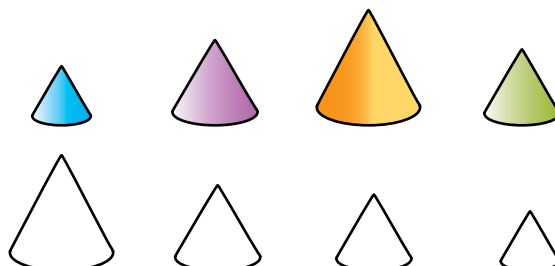
OZNAČI ZNAKOM ✓ ONO ŠTO JE NIŽE.



OZNAČI ZNAKOM ✓ ONO ŠTO NIJE NI NAJVIŠE NI NAJNIŽE.



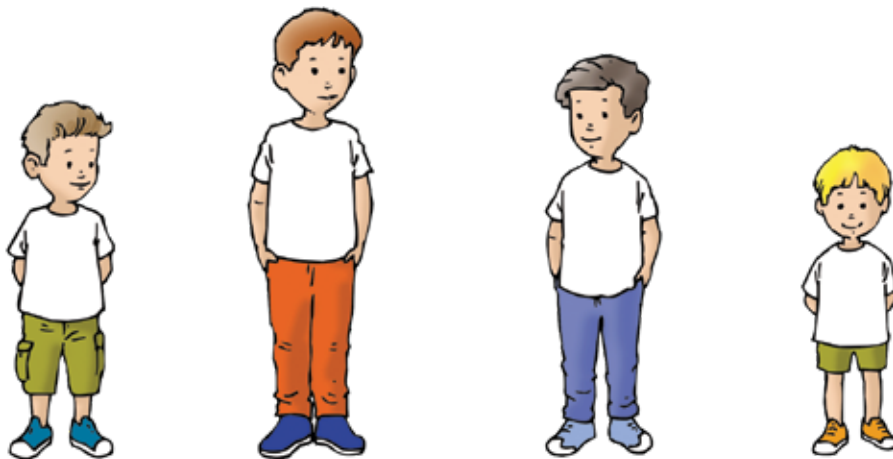
OBOJI PREMA UZORKU.



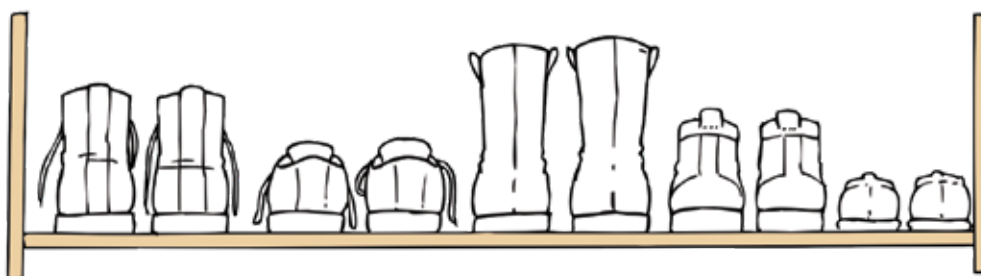
NAJVIŠE – NAJNIŽE



NACRTAJ SUNCE NA MAJICI NAJVIŠEG DJEČAKA, A LOPTU NA MAJICI NAJNIŽEG.



OBOJI NAJVIŠE CIPELE ŽUTOM BOJOM, A NAJNIŽE PLAVOM.



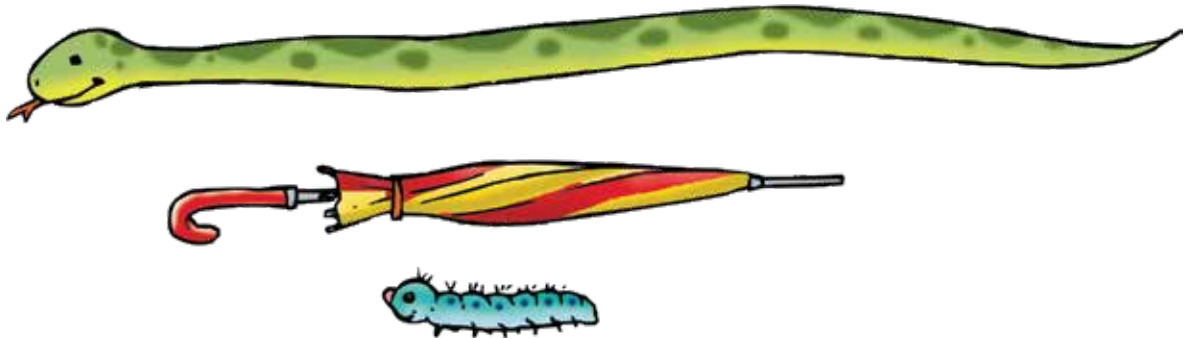
NACRTAJ DIM IZ NAJVIŠEG DIMNJAKA.
NACRTAJ SUNCE IZNAD NAJNIŽE KUĆE.
OBOJI NAJVIŠE PROZORE.
ZAKRUŽI NAJVIŠA VRATA.



ODNOSI MEĐU PREDMETIMA – PONAVLJANJE



OZNAČI CRVENOM KVAČICOM ✓ ŠTO JE NAJDULJE I PLAVOM
KVAČICOM ✓ ONO ŠTO JE NAJKRAĆE.



NACRTAJ DRVO VIŠE OD DRVETA NA SLICI I NIŽE OD NEBODERA.



DOCRTAJ STABLA KOJA NEDOSTAJU TAKO DA BUDU POREDANA PO
VELIČINI.



TIJELA U PROSTORU

KUGLA



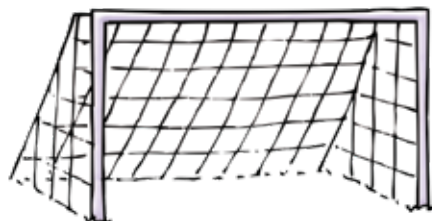
DOVRŠI BOJENJE KUGLA.



NA CRTEŽU ZAOKRUŽI SVE ŠTO IMA OBLIK KUGLE.



PRIDRUŽI LOPTE SPORTU KOJEM PRIPADAJU.



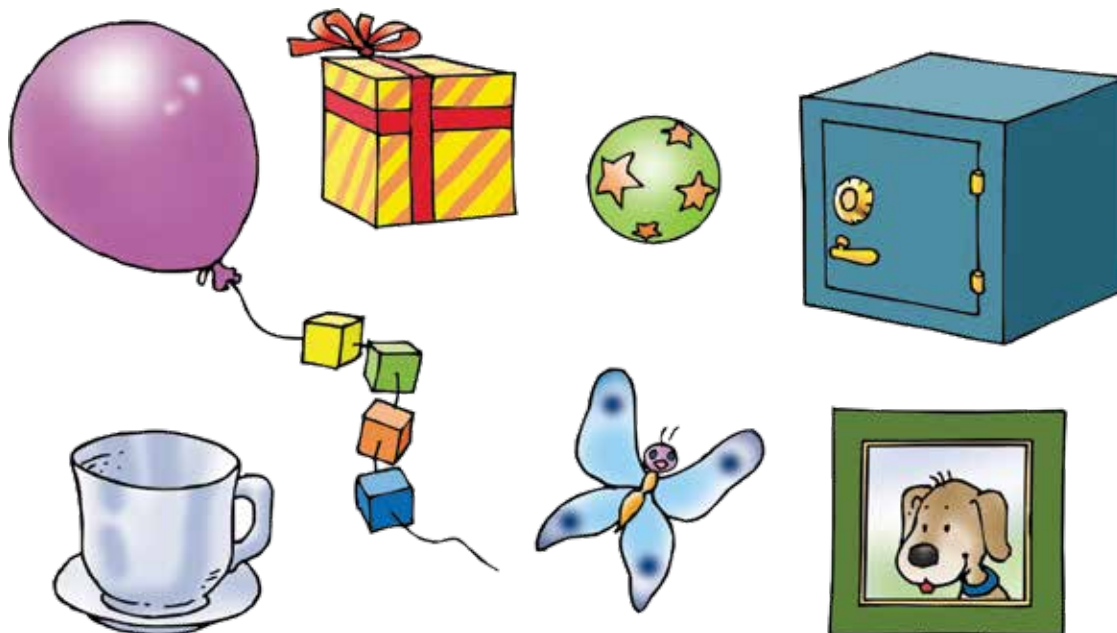
KOCKA



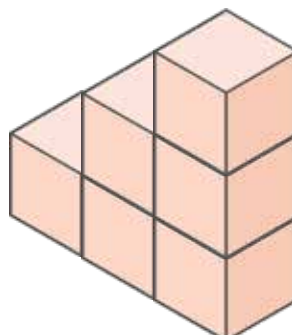
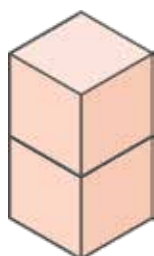
DOVRŠI BOJENJE KOCKA.



NA CRTEŽU ZAOKRUŽI SVE ŠTO IMA OBLIK KOCKE.



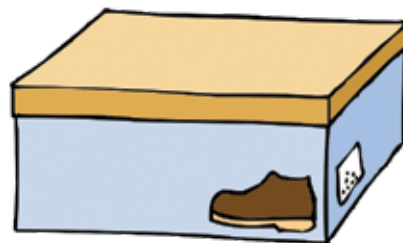
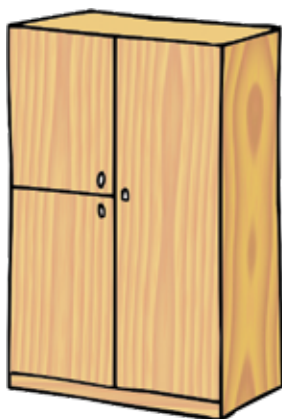
CRVICAMA ZABILJEŽI BROJ KOCKA NA SLICI.



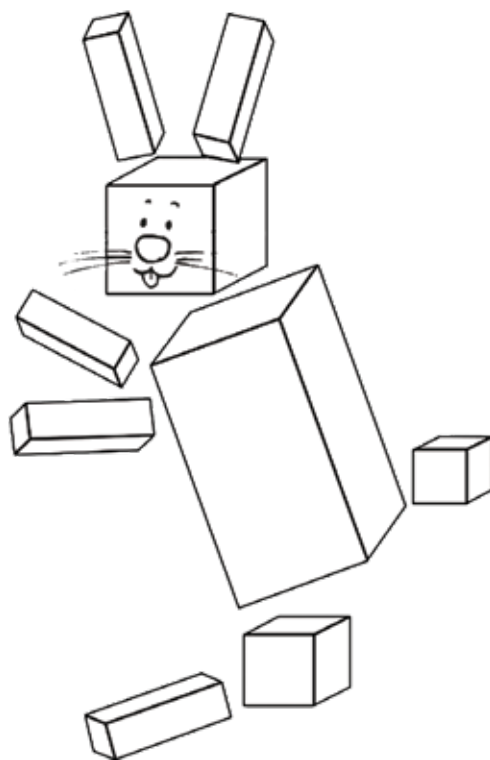
KVADAR



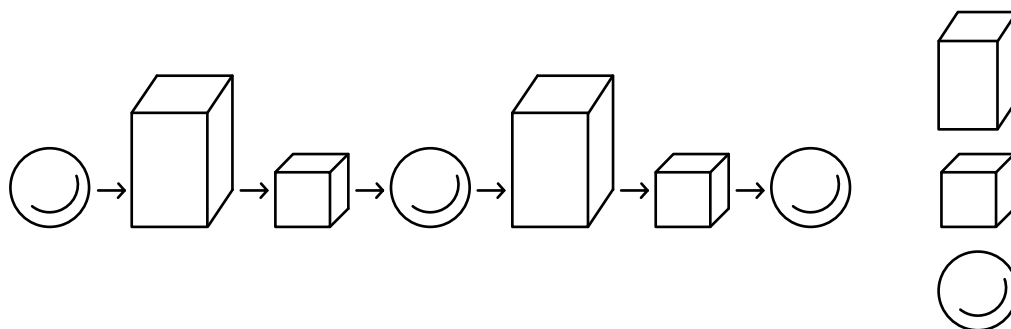
PRECRTAJ SVE ŠTO NEMA OBLIK KVADRA.



 OBOJI *crveno*, A  BOJI *plavo*.



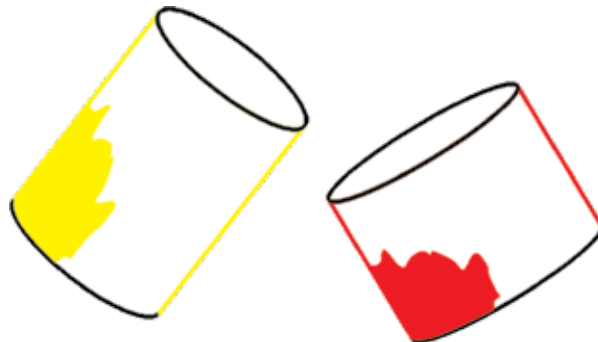
STRELICOM OZNAČI TIJELO KOJE NASTAVLJA NIZ.



VALJAK



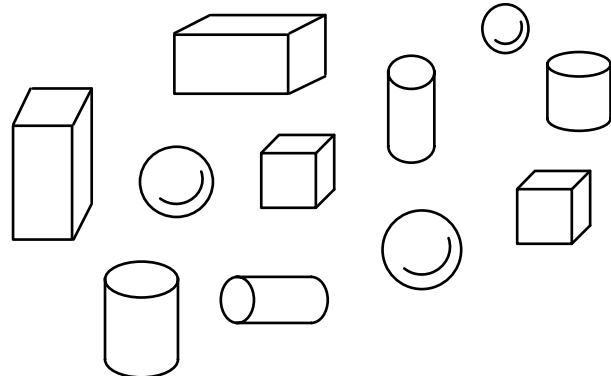
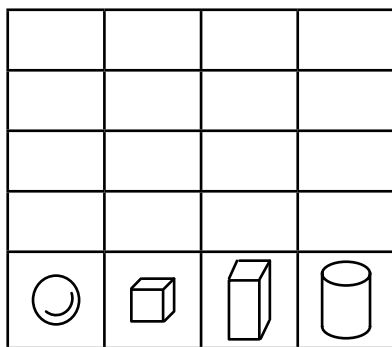
OBOJI VALJKE.



IMENUJ NACRTANE PREDMETE. ZAOKRUŽI SVE ŠTO IMA OBLIK VALJKA.



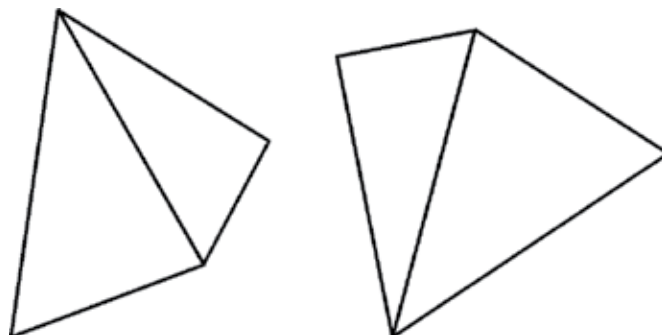
OBOJI ONOLIKO POLJA KOLIKO IMA TIJELA NA SLICI.



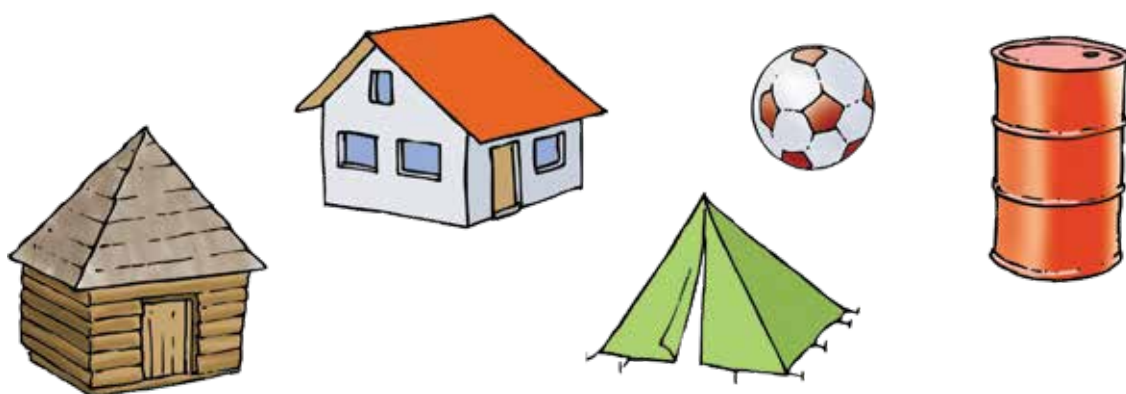
PIRAMIDA



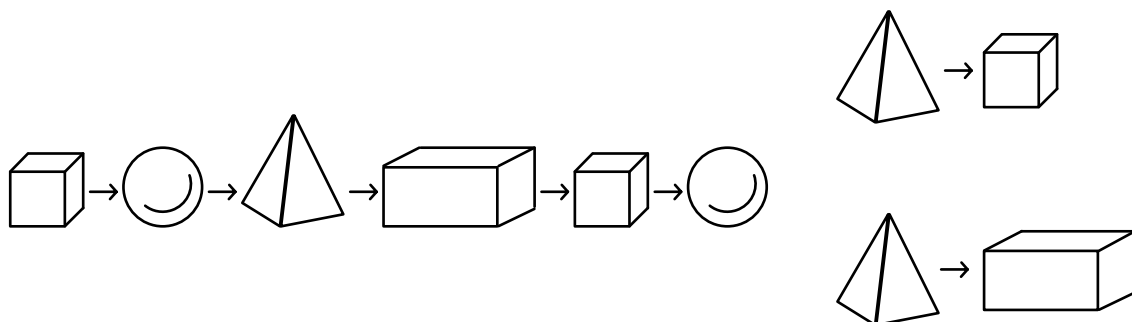
OBOJI PIRAMIDE.



ZAOKRUŽI ONO ŠTO IMA OBLIK PIRAMIDE.



STRELICOM OZNAČI TIJELA KOJA NASTAVLJAJU NIZ.



STOŽAC



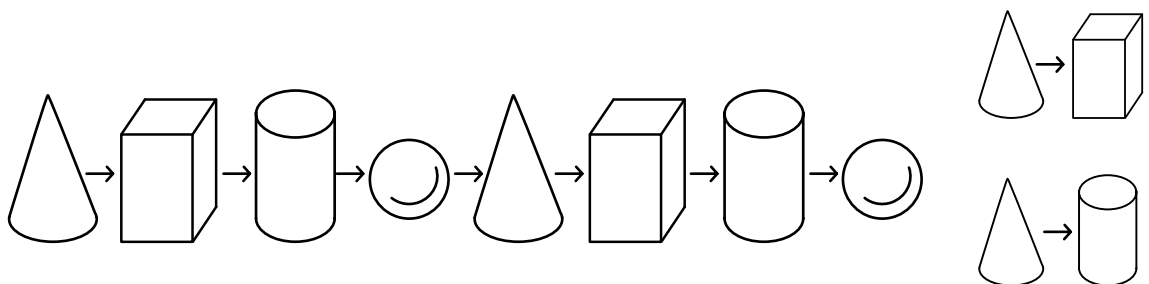
OBOJI STOŠCE.



ZAOKRUŽI ONO ŠTO IMA OBLIK STOŠCA.



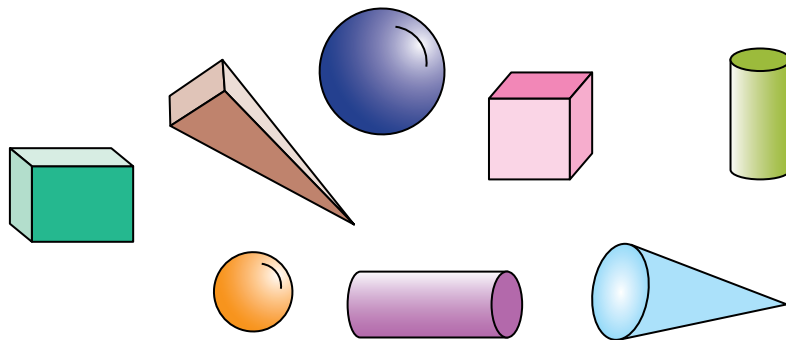
STRELICOM OZNAČI TIJELA KOJA NASTAVLJAJU NIZ.



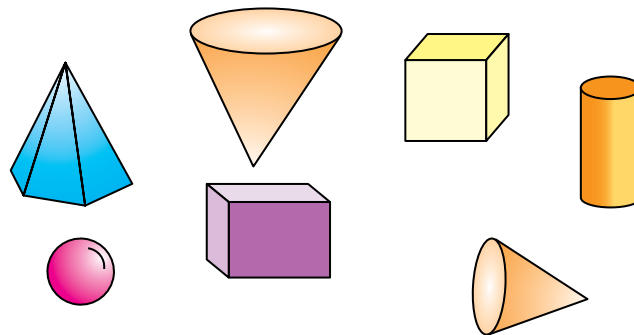
TIJELA U PROSTORU – PONAVLJANJE



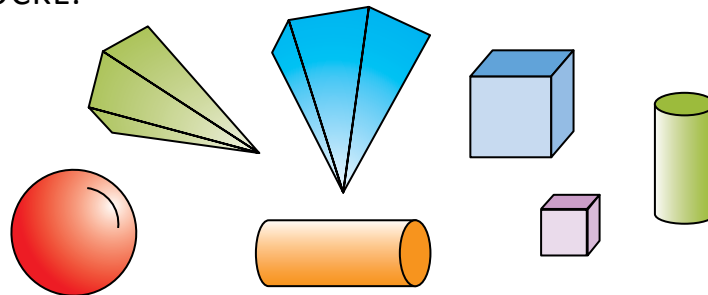
PRECRTAJ VALJAK.



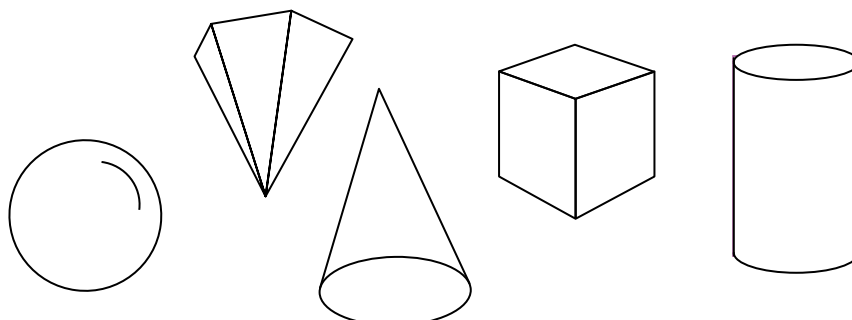
ZAOKRUŽI PIRAMIDU.



PRECRTAJ KOCKE.



OBOJI KUGLU.



BROJ TRI



POKAŽI U ZRAKU.



2 1 1 SU 3

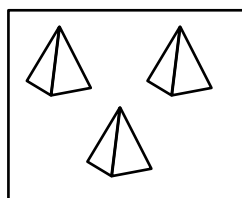


NASTAVI PISATI.

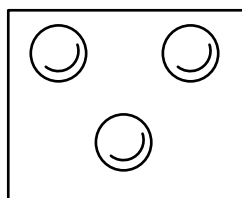
3	3	3																	
3	3																		
3																			



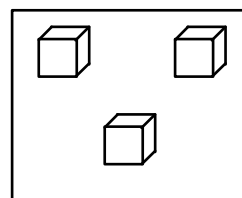
PRECRTAJ TAKO DA OSTANE NAZNAČENI BROJ TIJELA.



3



2



3



PO TRI LIKA OBOJI ISTOM BOJOM.



NASTAVI PISATI.

1	2	3	1																
3	2	1																	

BROJ ČETIRI

○○○○ – ČETIRI – 4



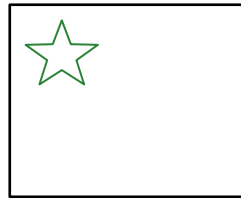
IMENUJ ŠTO JE NA SLICI.



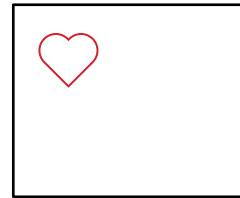
DOCRTAJ DA IH BUDE NAZNAČENI BROJ.



2



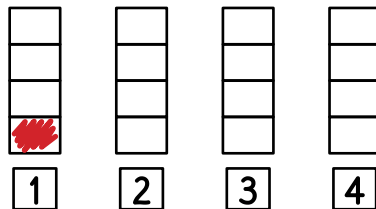
4



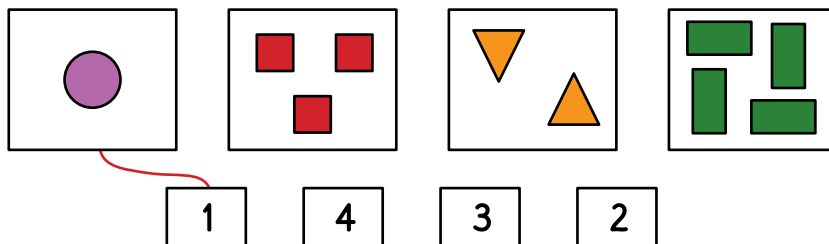
1



OBOJI.

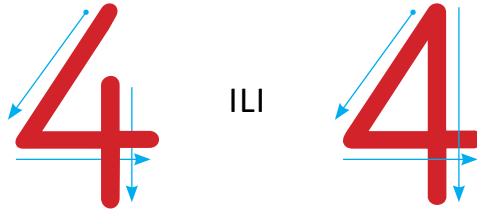


SPOJI S ODGOVARAJUĆIM BROJEM.





BROJ ČETIRI PIŠEMO NA DVA NAČINA.



NASTAVI PISATI.

4	4	4																	
4	4																		
4																			



NASTAVI.



4



3 | 1



3 | 1 JEST ____.



□ | □



2 | 2 JEST ____.



□ | □



1 | 3 JEST ____.



NASTAVI PISATI.

1	2	3	4																
4	3	2	1																

BROJ PET

OOOOO – PET – 5



ŠTO VIDIŠ NA SLICI?



SPOJI BROJ I BROJEVNU RIJEČ.

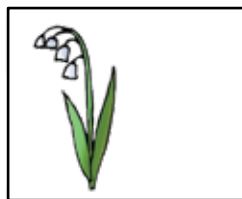
	TRI	2	PET
JEDAN	1		
		3	
ČETIRI	4	5	DVA



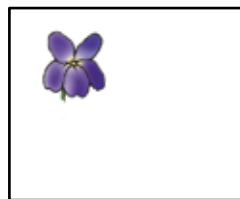
DOCRTAJ DA BUDE NAZNAČENI BROJ TIJELA.



3



2



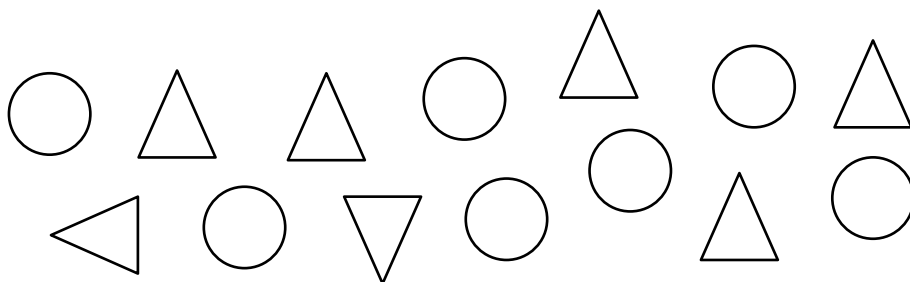
4



5

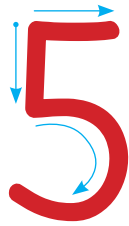


OBOJI PO 5 SVAKE VRSTE.





BROJ PET PIŠEMO OVAKO:

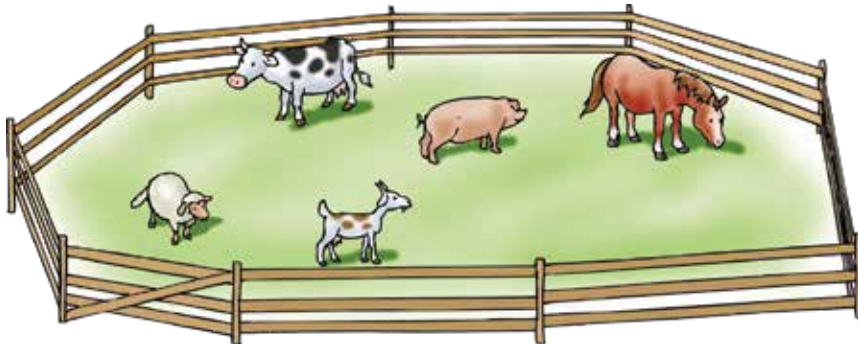


NASTAVI PISATI.

5	5	5																	
5	5																		
5																			



KOLIKO JE DOMAĆIH ŽIVOTINJA?



● ● ● ● ●
4 | 1 JEST ____.

● ● ● ● ●
3 | 2 JEST ____.

● ● ● ● ●
1 | 4 JEST ____.



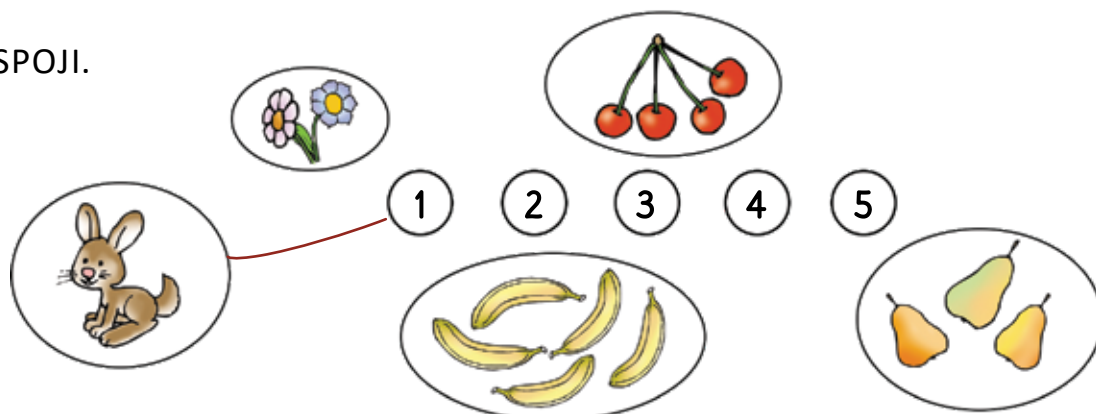
NASTAVI PISATI.

1	2	3	4	5															
5	4	3	2	1															

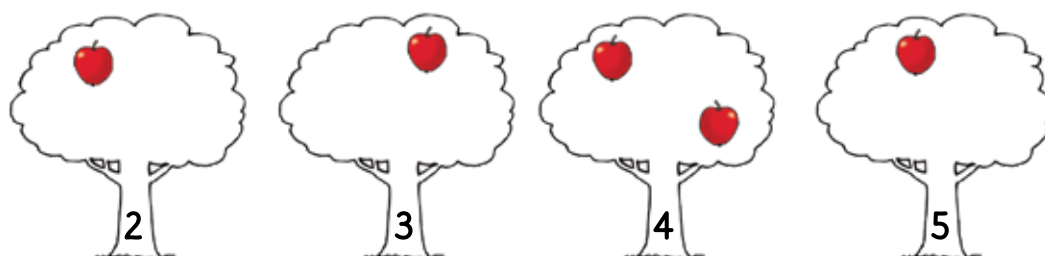
BROJEVI 1, 2, 3, 4 I 5 – PONAVLJANJE



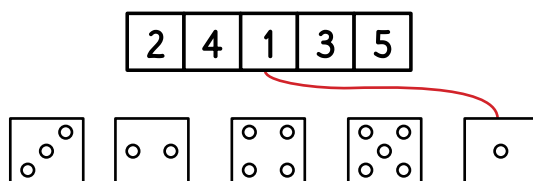
SPOJI.



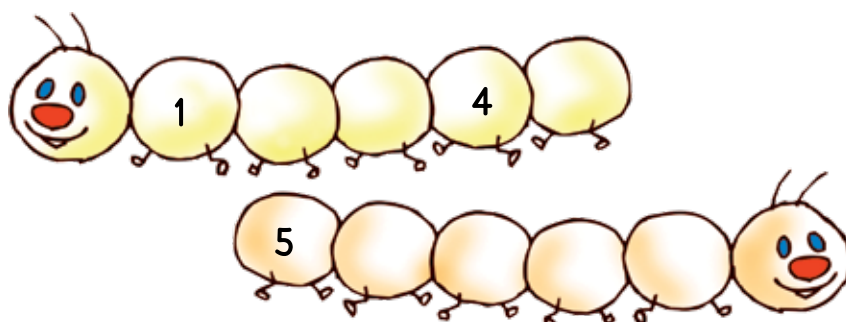
DOCRTAJ.



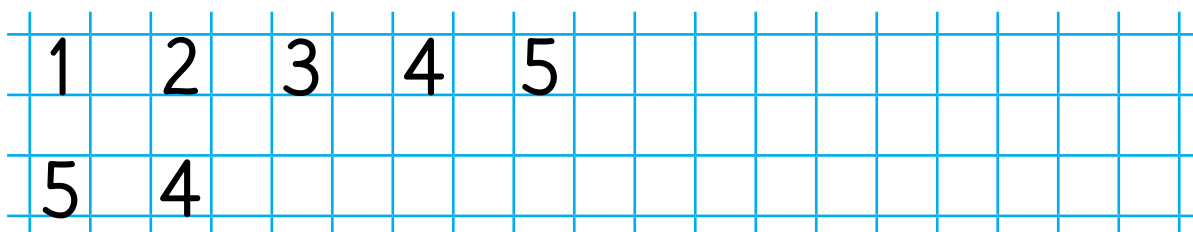
SPOJI.



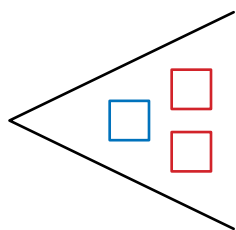
NAPIŠI BROJEVE KOJI NEDOSTAJU.



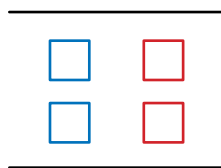
NASTAVI PISATI.



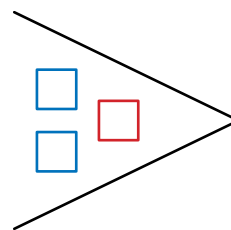
USPOREĐIVANJE BROJEVA DO 5



$$1 < 2$$



$$2 = 2$$



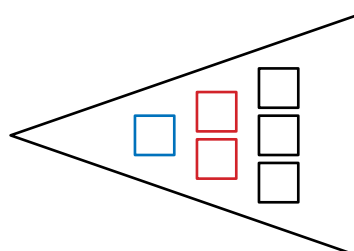
$$2 > 1$$

ČITAMO:

1 JE MANJI OD 2

2 JE JEDNAKO 2

2 JE VEĆI OD 1



PROČITAJ.

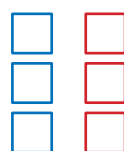
$$1 < 3$$

$$2 < 3$$

$$1 < 2 < 3$$

DOPIŠI.

<	<																		
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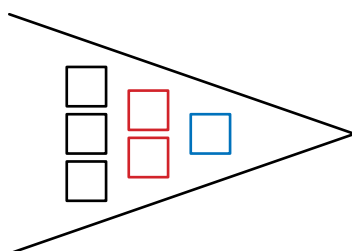


$$3 = 3$$

3 JE JEDNAKO 3

DOPIŠI.

=	=																		
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PROČITAJ.

$$3 > 1$$

$$3 > 2$$

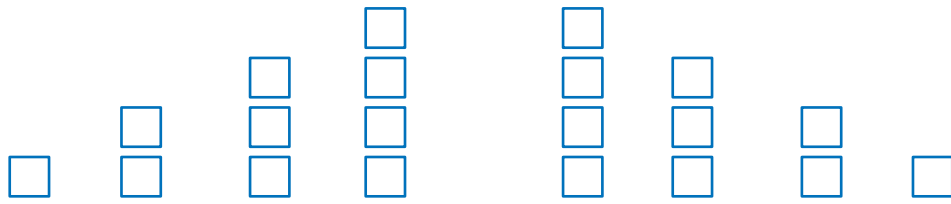
$$3 > 2 > 1$$

DOPIŠI.

>	>																		
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NAPIŠI BROJEVE I ODGOVARAJUĆE ZNAKOVE.

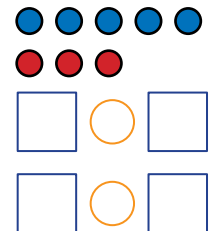
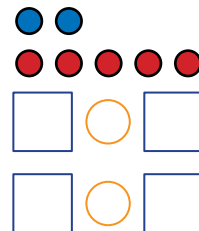
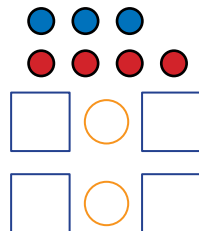
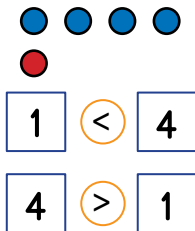


$1 < \square \circ \square \circ 4$

$4 > \square \circ \square \circ 1$



DOPUNI.



UPIŠI ZNAK <, = ILI > TAKO DA ZAPIS BUDE TOČAN.

$3 < 4$

$5 \circ 3$

$5 \circ 5$

$2 \circ 5$

$4 \circ 1$

$1 \circ 3$



NAPIŠI BILO KOJI BROJ TAKO DA NEJEDNAKOST VRIJEDI.



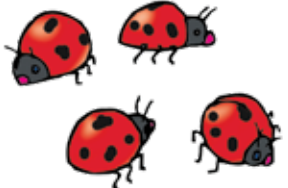

$3 < \square$
 $4 < \square$

$5 > \square$
 $4 > \square$

$\square > 2$
 $\square < 2$


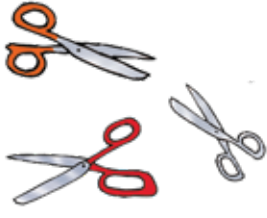
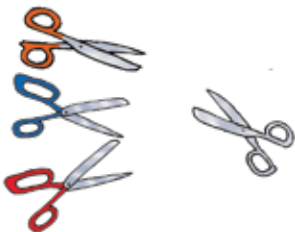
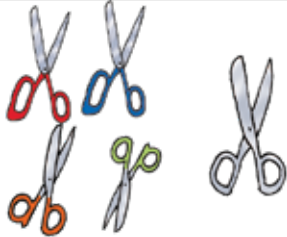
ZBRAJANJE S BROJEM 1



			
$1 + 1 = 2$	$2 + 1 = \square$	$3 + 1 = \square$	$4 + 1 = \square$

ZNAK + ČITAMO _____ ILI _____.



			
$1 + 1 = 2$	$2 + 1 = 3$	$3 + 1 = \square$	$4 + 1 = \square$



NAPIŠI BROJ ZA 1 VEĆI.

2	3
---	---

3	
---	--

1	
---	--

4	
---	--



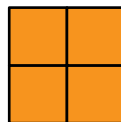
NAPIŠI BROJEVE KOJI NEDOSTAJU.



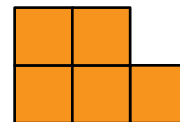
$1 + 1 = 2$



$2 + 1 = 3$



$3 + 1 = \square$



$\square + 1 = 5$



DOPUNI.

$1 + \square = 2$

$1 + \square = 3$

$1 + \square = 4$

$1 + \square = 5$

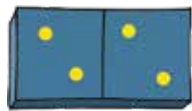
$\square + 1 = 3$

$\square + 1 = 4$

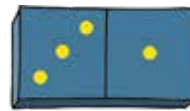
$\square + 1 = 5$

$\square + 1 = 2$

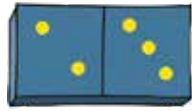
ZBRAJANJE BROJEVA DO 5



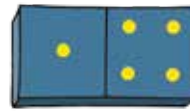
$2 + 2 = 4$



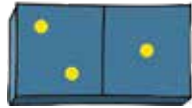
$3 + 1 = \square$



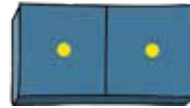
$2 + 3 = 5$




$1 + 4 = \square$




$2 + 1 = \square$



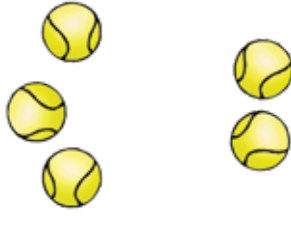
$1 + 1 = \square$

$2 + 1 = \square$



$1 + 1 = \square$



$3 + 2 = \square$



$2 + 3 = 5$

BROJEVI KOJI SE ZBRAJAJU ZOVU SE

REZULTAT ZBRAJANJA ZOVE SE

_____.

_____.



ZBROJI.

$2 + 1 = \square$

$1 + 4 = \square$

$3 + 1 = \square$

$1 + 2 = \square$

$2 + 2 = \square$


$3 + 2 = \square$

$4 + 1 = \square$


$2 + 3 = \square$




$2 + 1 = 3$



$3 + \square = 5$



$\square + 1 = 4$



NAPIŠI PRIBROJNIK KOJI NEDOSTAJE.

$\square + 1 = 3$

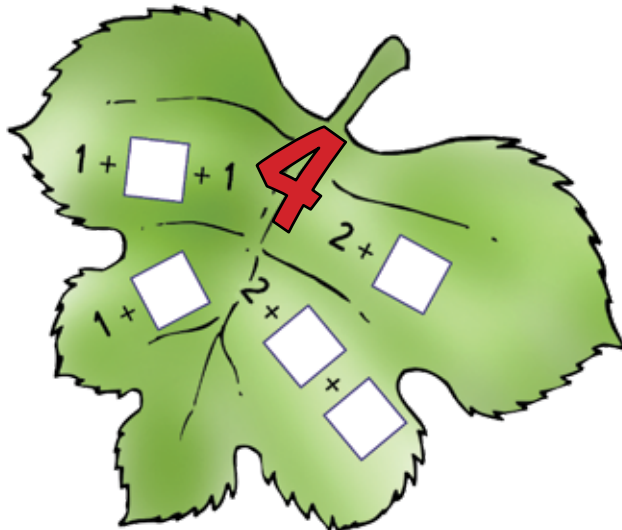
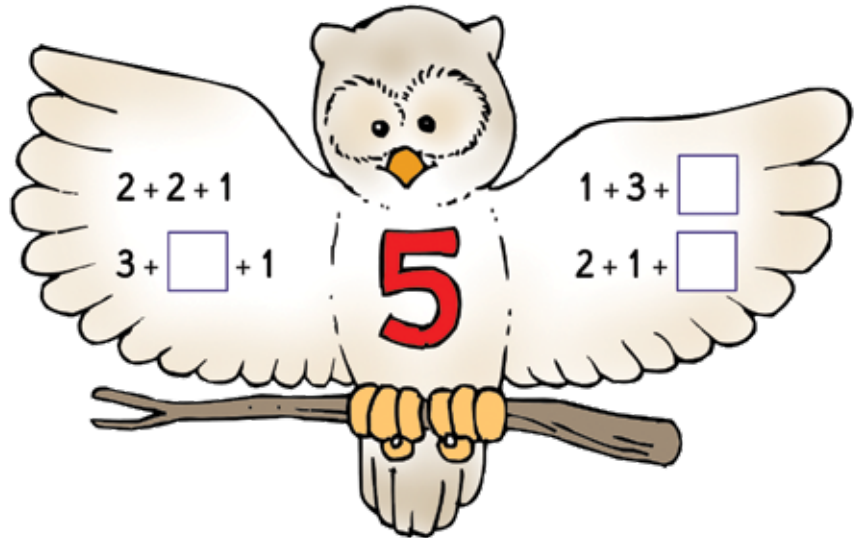
$\square + 3 = 5$

$4 = 2 + \square$

$4 = 1 + \square$

$\square + 1 = 2$

$3 + \square = 5$



$1 + 2 + 2 = \square$

$3 + 1 + 1 = \square$

$1 + 1 + 1 = \square$

$2 + 1 + 1 = \square$

$1 + 3 + 1 = \square$



PRIBROJNICI SU 1 I 2. IZRAČUNAJ ZBROJ.

$\square + \square = \square$

ZBROJ JE \square .



PRIBROJNICI SU 1, 1 I 3. IZRAČUNAJ ZBROJ.

$\square + \square + \square = \square$

ZBROJ JE \square .