

SLADANA JAKIMOVIĆ

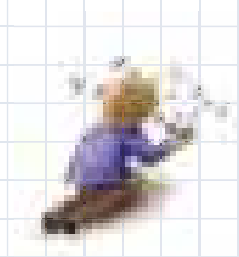
IRENA BOSDANOSKA



MATEMATIKA

ZA PRVI RAZRED





MATEMATIKA

ZA PRVI RAZRED



MATEMATIKA ZA PRVI RAZRED

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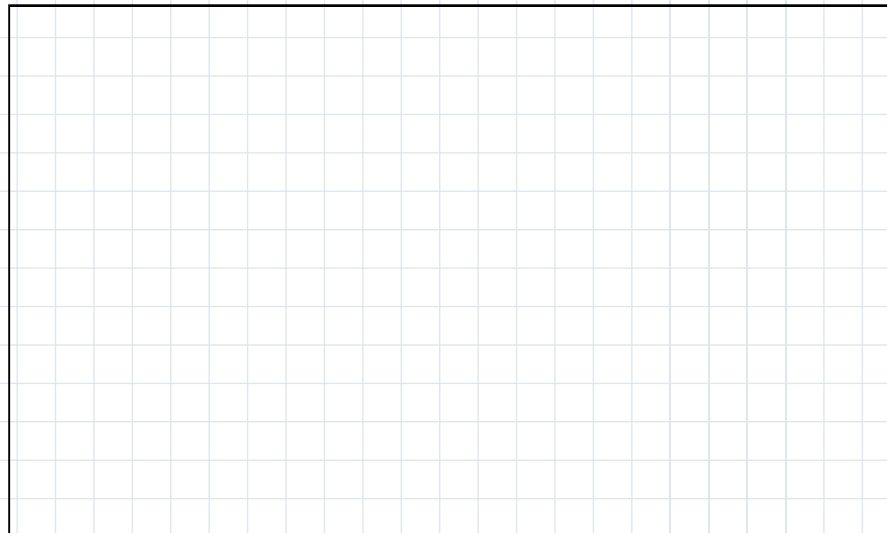
Leon Džingo, Evgenija Pavlova - ARS STUDIO

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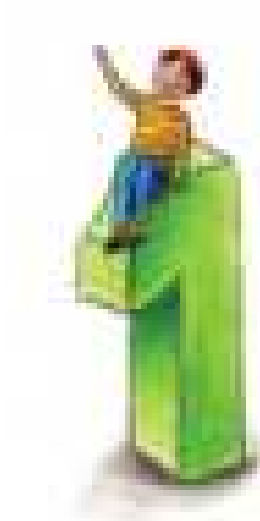
Odlukom o odobravanju udžbenika za predmet Matematika za prvi razred br 26-1204/1 od 27.09.2022 godine donešena od Nacionalne komisije za udžbenike.



Slađana Jakimović

Irena Bogdanoska

MATEMATIKA



Skoplje, 2022 godina

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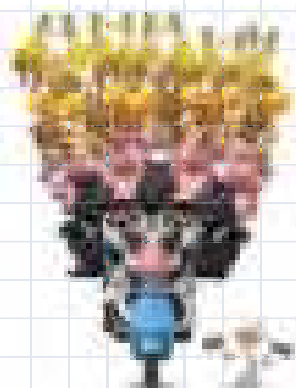
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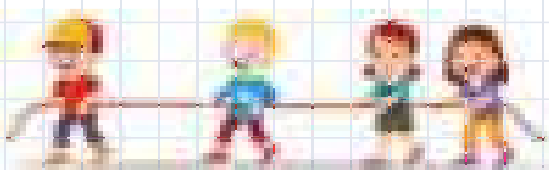
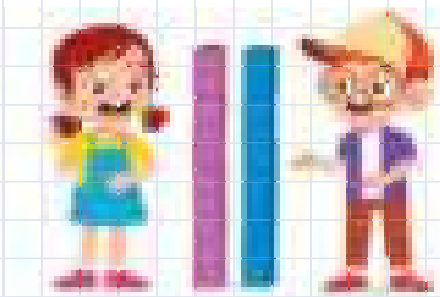
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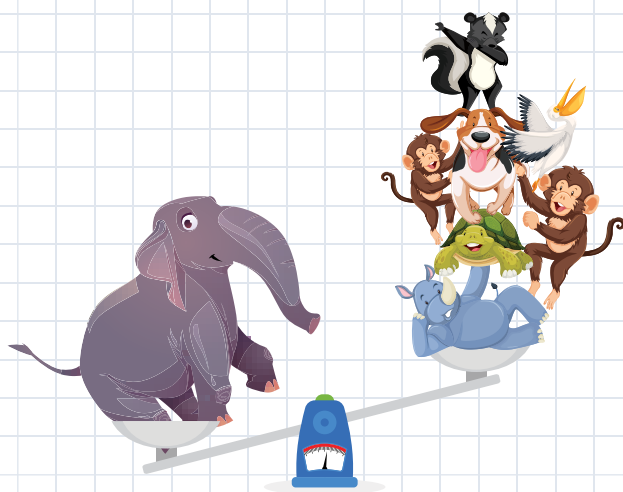
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Dragi prvaću,

Dobrodošao! Pozivamo te da nam se pridружиš na putovanju nazvano **učenje matematike**.

Učenje matematike je kao igranje **igre**. U ovoj igri igrat ćeš se **brojevima, oblicima, veličinama...** Razgovarat ćeš, razmišljat ćeš, upoređivat ćeš, dodavat ćeš, oduzimati ćeš i igrom ćeš rješavati matematičke zadaće i sticat ćeš nova znanja.

Svaka tačno riješena zadaća dovest će te bliže do osvajanja višeg nivoa igre. Na svaki osvojeni nivo čeka te

trofej  s kojim se otvaraju vrata **sljedećih nivoa**. Vrhunski **trofej matematike** omogućit će ti stvaranje sljedećih, još viših nivoa

igre, a oni još nisu kreirani!

Samo **hrabro** i **neumorno**

Traži odgovor za svako pitanje i rješenje za svaki problem!

Razmišljaj, pokušavaj i ne odustaj i kada misliš da je nešto teško! Naučit ćeš nešto i na greškama koje ćeš uraditi.

U ovoj igri, kao i u svim najljepšim igrama, igrat ćeš sa svojim drugovima. Prati pažljivo uputstva svojih nastavnika! Svaki čas ćete započeti zajedničkom igrom, a nastavnici će vas uputiti kako da je igrate.



Želimo ti uspjeh i prekrasne doživljaje u učenju!

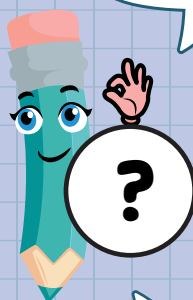
Od autorica

Olovčice, tvoji novi prijateljičići, u svakom ćete zadatku uputiti **kako da pokažeš rješenje** zadatka!

Zdravo djeco, ja sam Olovko!



Ja sam Olovka!
Mi smo vaši matematički prijatelji.



Vidite dole šta znače naši bedževi 😊

Zabavljat ćemo se i učiti zajedno 😊



Posmatraj!



**Nacrtaj/
upiši!**



Zaokruži!



**Razmisli i
odgovori!**



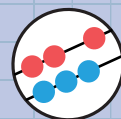
Oboj!



**Koristi
matematičk
u vagu!**



Poveži!



**Koristi
računaljke!**



Opiši!



Istražuj!



Izreži!



**Koristi
tabelu 100!**



Zalijepi!



Štikliraj!



Precrtaj!



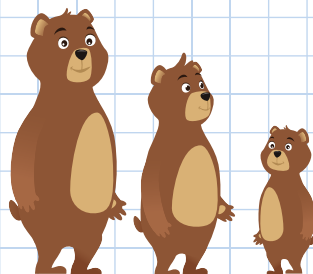
**Koristi
brojevu
pravu!**

GEOMETRIJA I MJERENJE

ŠTA ĆEŠ
NAUČITI?

1

MJESTOPOLOŽAJ,
KRETANJE I SMJER



2

UPOREĐIVANJE



2D-OBLICI

3



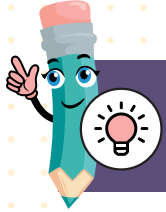
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3D-OBLICI



MJESTOPOLOŽAJ I KRETANJE



Šta vidimo na slici?

Gdje se nalazi svako dijete?



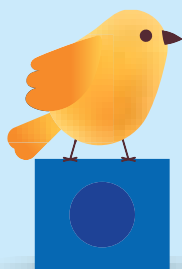
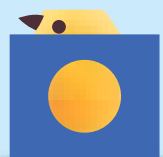
- 1 ISPRED, IZA.
- 2 ISPOD, IZNAD.
- 3 PORED, NA, U.

- 4 GORE, DOLJE.
- 5 NAPRIJED, NAZAD.
- 6 BLIZU, DALEKO.



1.

Poveži



U

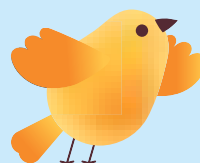
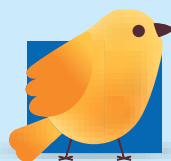
NA

IZNAD

ISPOD

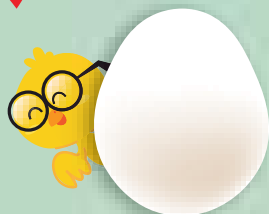
ISPRED

IZA



2.

Gde je ? Gde je ?
Poveži gdje je **ispred**, a gde je **iza**!



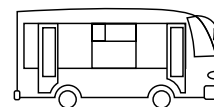
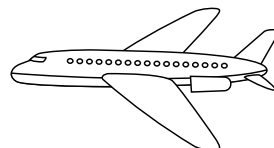
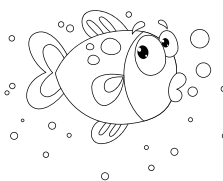
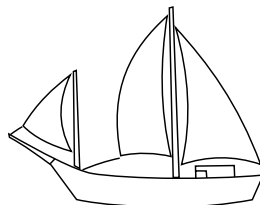
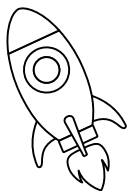
3.



Oboji

to što je gore
plavom,

a to što je dolje
narandžastom!



PRIMER
KAKO TREBA
BOJITI

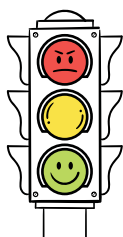
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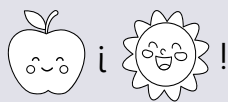
Oboji

to što je iznad
crvenom,

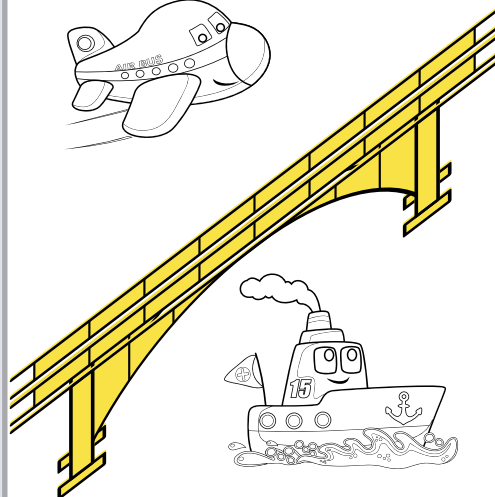
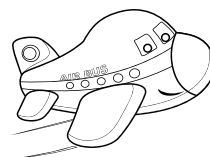
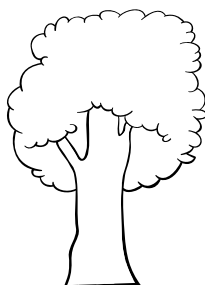
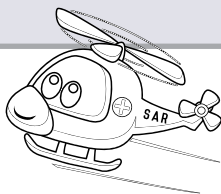
a to što je ispod
zelenom!



Nacrtaj



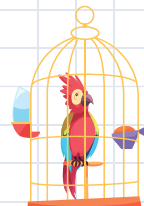
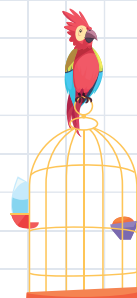
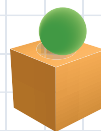
Gdje ćeš
nacrtati ove
crteže?



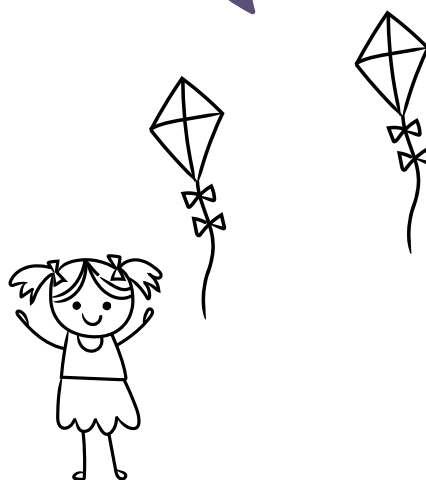
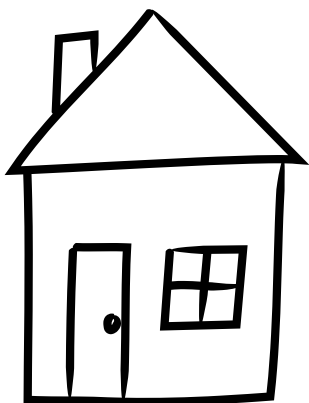
UNUTRA, VANI, NA

1.

Poveži!



MJESTOPOLOŽAJ: BLIZU - DALEKO



1.

Zaokruži



šta je dalje od



!

2.

Poveži



sa



šta je bliže do



!

3.

Nacrtaj



bliže do



!

stranica

13

MJESTOPOLOŽAJ: NAPRIJED – NAZAD



Šta vidimo na slici?
Ko je **naprijed**, a ko je **nazad**?
Šta ima **nazad** u učionici?



1.



Oboj



dijete koje sjedi napred!

2.



Oboj



dijete koje sjedi nazad!

3.



Gdje sedat decata što krevaat ?



KRETANJE: NAPRIJED - NAZAD

Kojim redoslijedom se kreću djeca u koloni? Ko je **naprijed**, a ko je **nazad**?



Ana



Nino



Memo



Ema

1.



Ko treba da ide **naprijed** kako bi išao zajedno sa ?



Zaokruži!



2.



Ko treba da ide **nazad** kako bi išao iza ?



3.



Ko treba da ide **naprijed** kako bi išao između



MJESTOPOLOŽAJ: LIJEVO OD – DESNO OD

Kojom rukom
se rukujemo?
paukuvame?



LIJEVA



DESNA

1.



Oboj zelenom
bojom oblik koji je

lijevo od



lijevo od



2.



Oboj plavom bojom
oblik koji je

desno od



desno od



3.



Gdje je ostavljena
sličica?



je lijevo od



desno
od



je desno od



lijevo
od



je lijevo od



je desno od



ŠTA JE LIJEVO, A ŠTA JE DESNO?



Šta vidimo na slici? Koje dijete se nalazi **lijevo** na slici, a koje **desno**? Gdje je lopta? Koju ruku i koju nogu je podiglo svako dijete?



2.

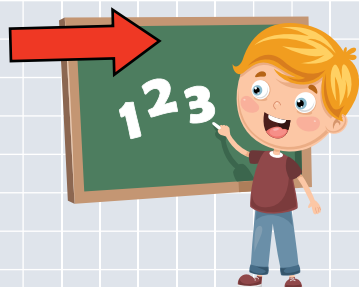


Zaokruži predmete koje djeca držu u svoju **lijevu** ruku!



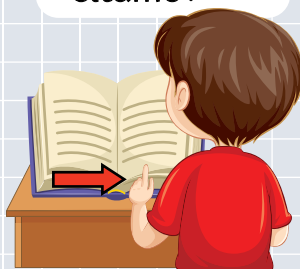
KRETANJE I SMJER: NALIJEVO, NADESNO

U kojem
smeru
pišemo?



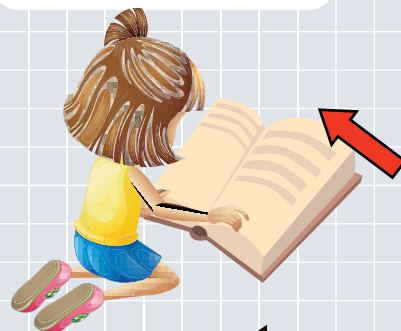
SLIJEVA NADESNO.

U kojem
smeru
čitamo?



SLIJEVA NADESNO.

Kako **listamo**
stranice kada
čitamo knjigu?



SDESNA NALIJEVO.

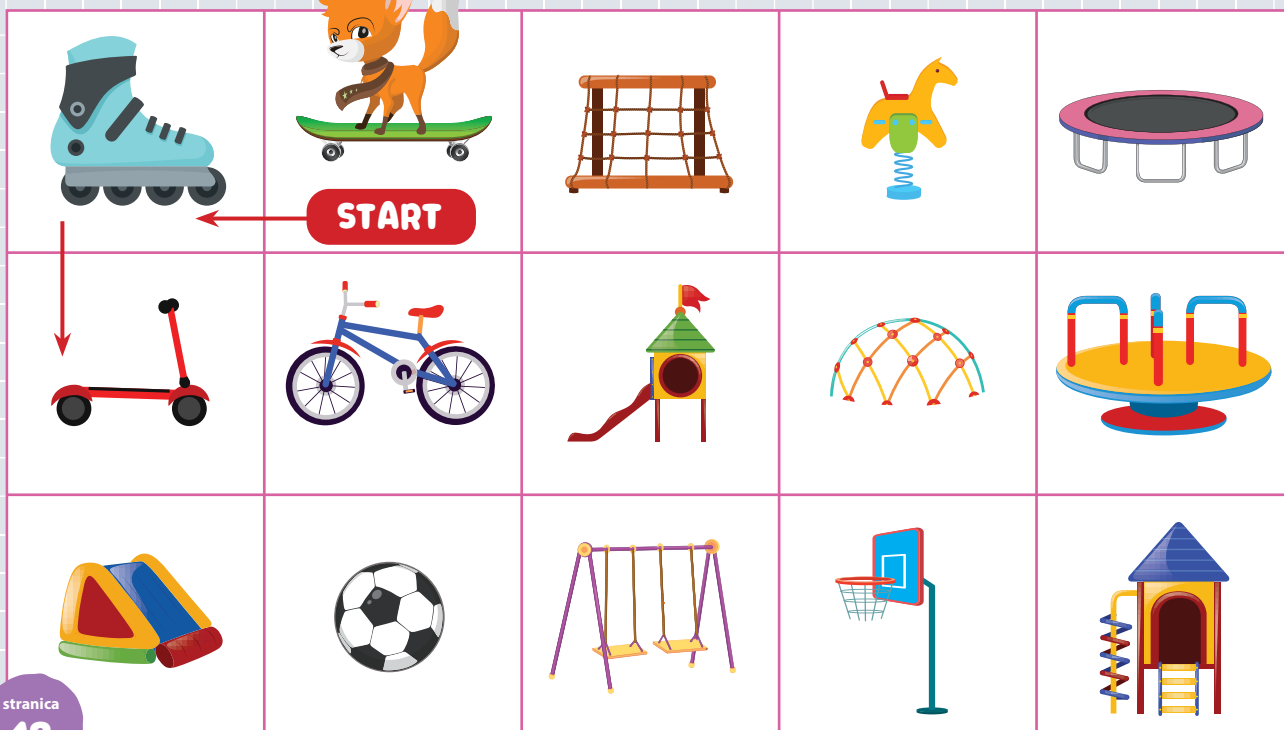
1.



Poveži strelicama



prema datom redoslijedu!



Da li znate
priču o
Zlatokosi
i tri
medvjedića?

1.



Kome pripada
predmet? **Poveži!**
Koje stvari je
izabrala ? **Poveži!**

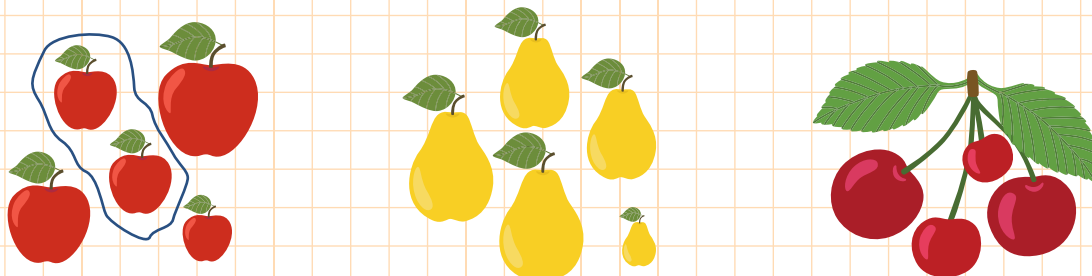
VELIKO, MALO



2.



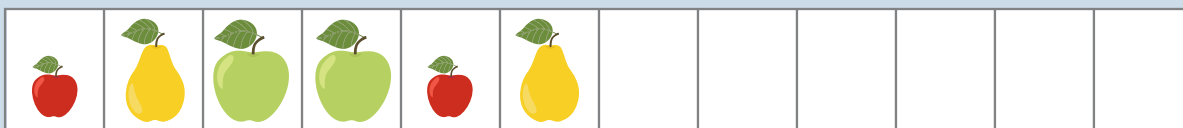
Pronađi i zaokruži šta je jednako!



3.



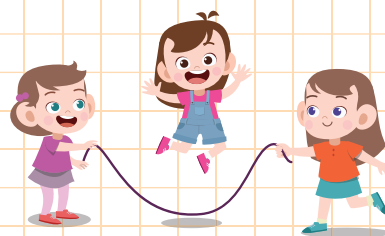
Nastavi gdje je započeto! **Nacrtaj i oboj!**



DUGO, KRATKO



DUGO



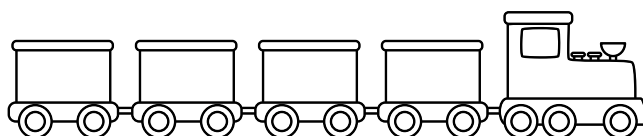
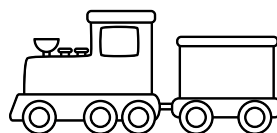
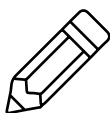
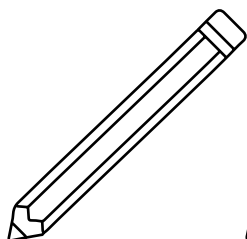
KRATKO

1.



OBoj kratko crvenom, a dugo plavom!

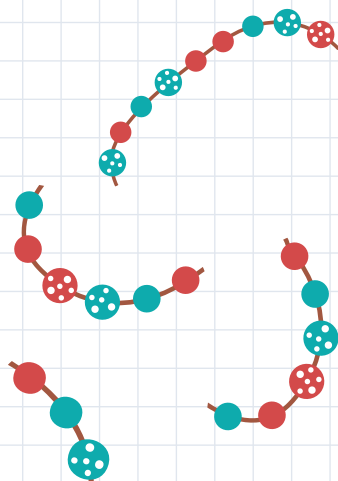
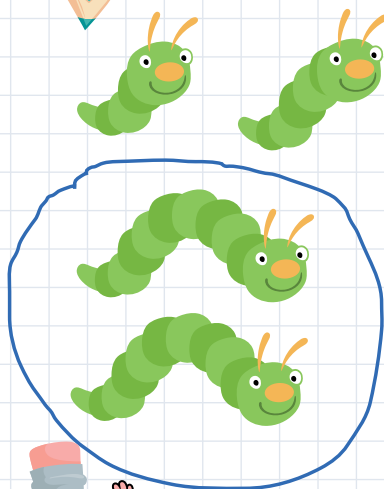
!



2.



Pronađi i zaokruži podjednako duge!

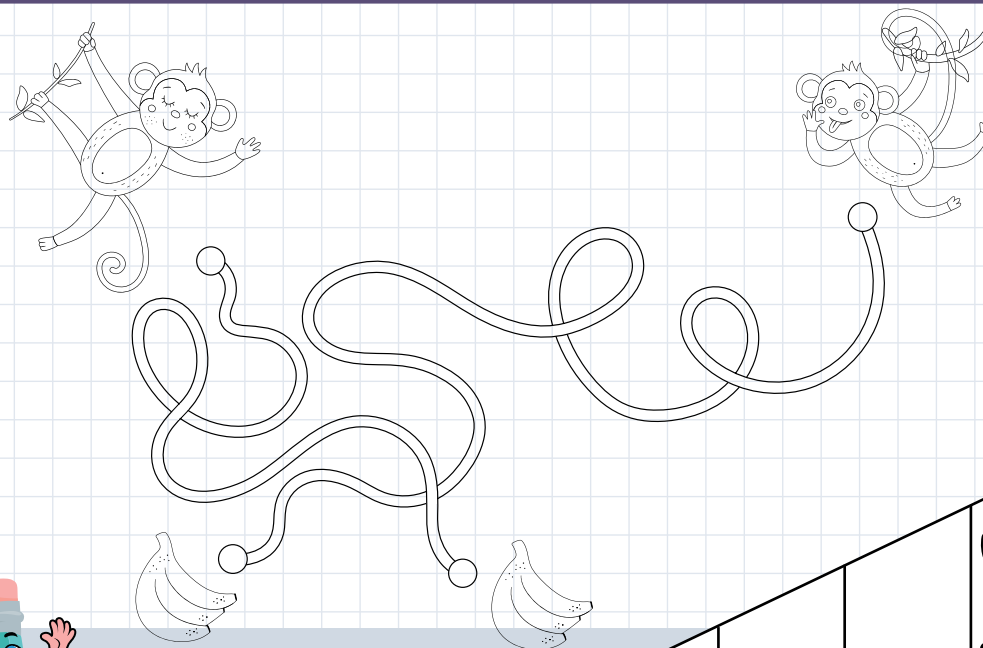


3.



Sa  oboj  koje će proći duži put
put da bi stigao do  !

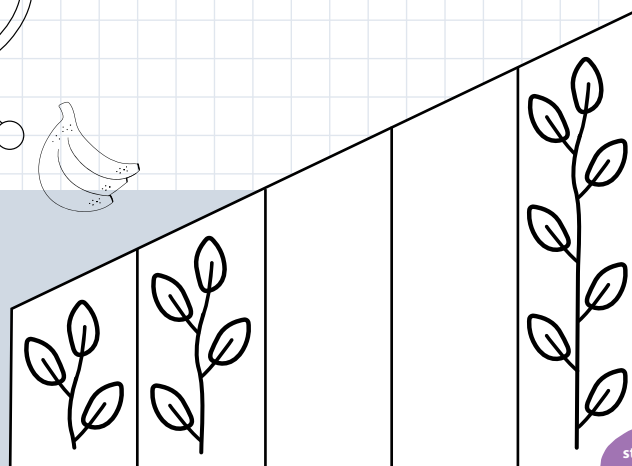
Sa  oboj  koje će proći kraći
put da bi stigao do  !



4.



Crtaj
prema
pravilu!!
Onda **oboj!**



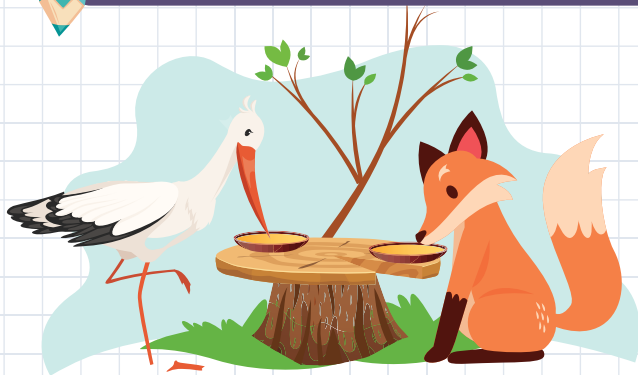
stranica

21

DUBOKO, PLITKO

1.

Da li znate basnu o  i  ? Opišite  ih  .
Kakva je lijina njuška? Kakav je rođin kljun,
duži ili kraći?



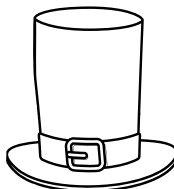
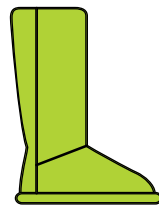
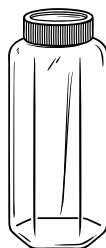
Šta je uradila  kada je
pozvala  u goste? Zašto
je samo  ostala gladna?

Šta je uradila  kada je
pozvala  u goste?
Zašto je samo  ostala gladna?

Da li je neko od njih postupio dobro? Zašto?
Kako se trebamo odnositi sa svima oko nas?

2.

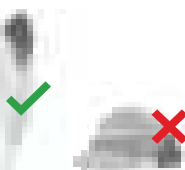
Ono što je duboko **oboj** zeleno 
a ono što je **plitko oboj** oboji ljubičastom  !



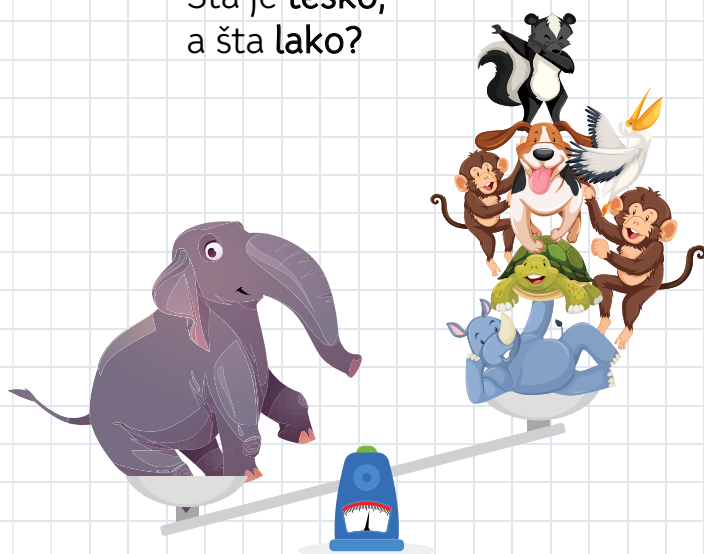
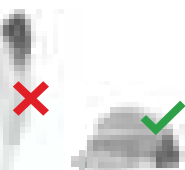
TEŠKO, LAHKO

Šta je teško,
a šta lako?

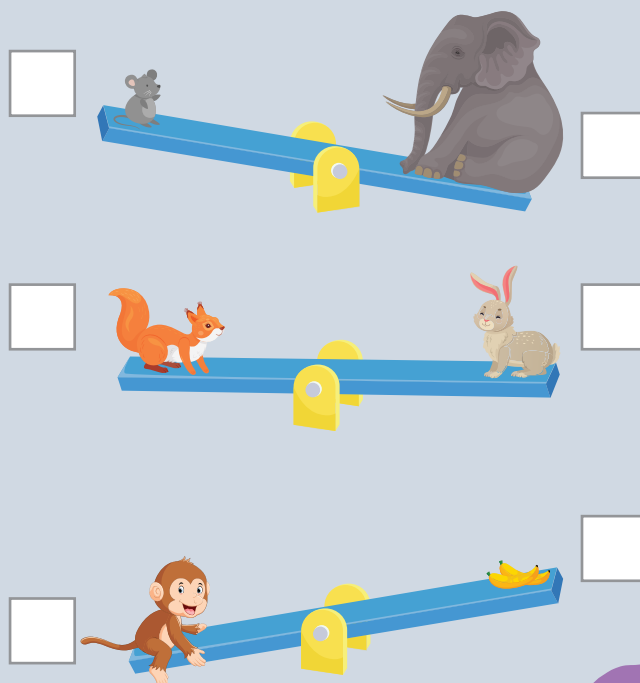
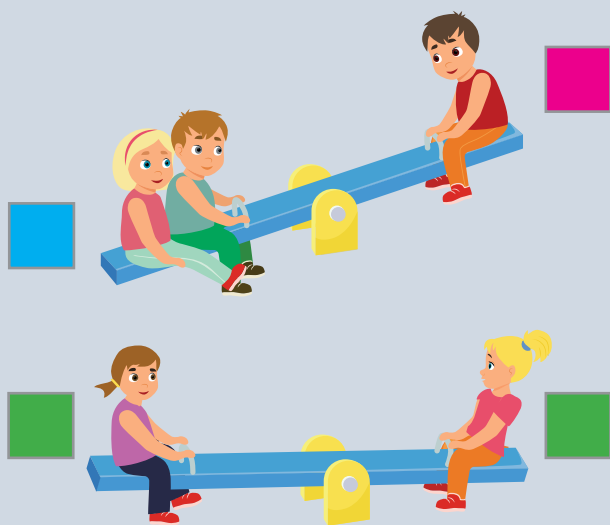
lako



teško



1. Oboj ■ pored onog što je lakše. Oboj ■ pored onog što je teže! Oboj ■ pored onih što su podjednako teške!



2.

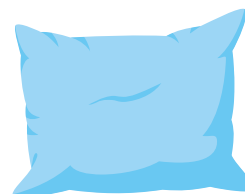
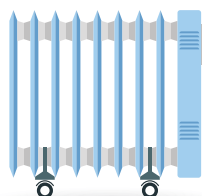
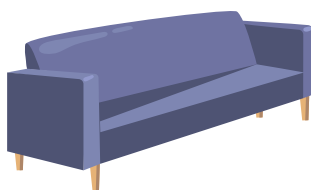


Uporedi i obilježi

znakom



ispod toga što je teže!



3.



Uporedi i obilježi

znakom



ispod toga što je lakše!



2D- OBLICI

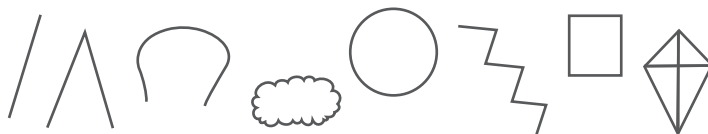
LINIJE – PRAVE I KRIVE, OTVORENE I ZATVORENE



1.



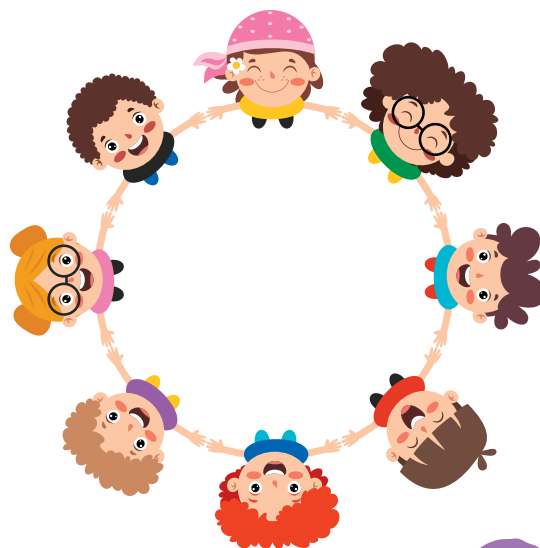
Kakve **linije** vidimo na slikama?



2.

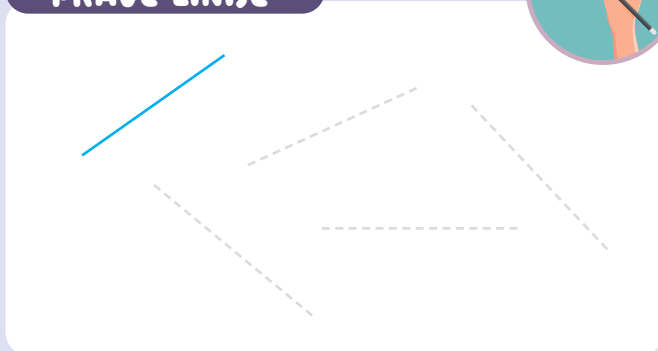


Kako su djeca **poređana** ?

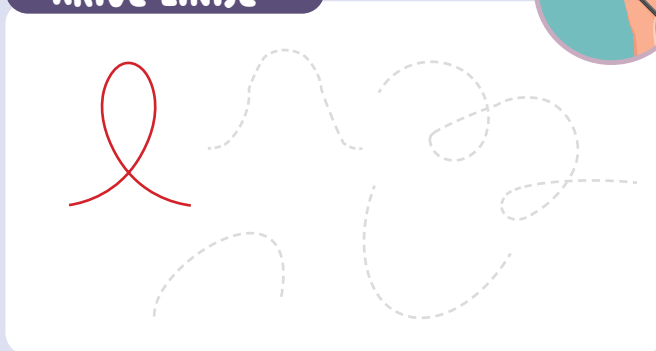


PRAVE I LINIJE KRIVE LINIJE

PRAVE LINIJE

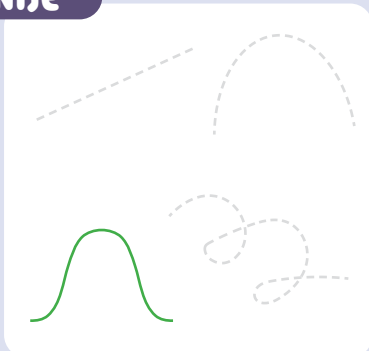


KRIVE LINIJE

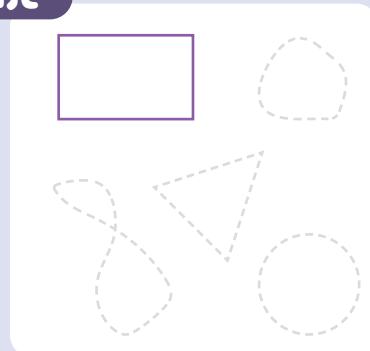


OTVORENE I ZATVORENE LINIJE

OTVORENE LINIJE



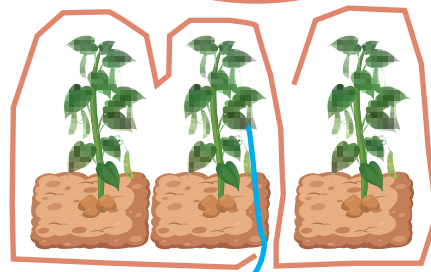
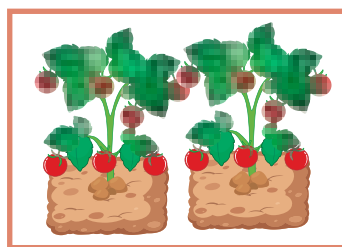
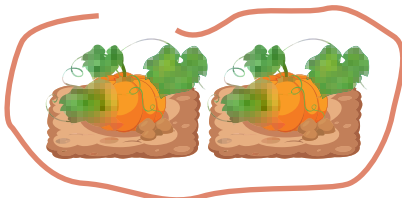
ZATVORENE LINIJE



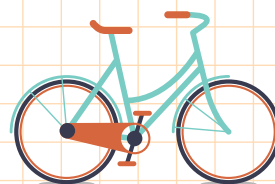
1.



Baštovan je postavio ograde preko kojih ne može preći. Ali, ipak, će se ugoditi. Nacrtaj put!



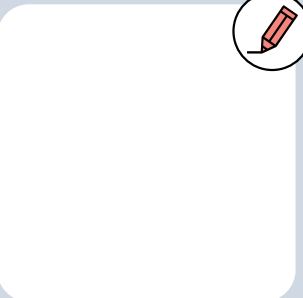
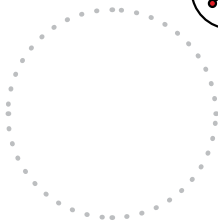
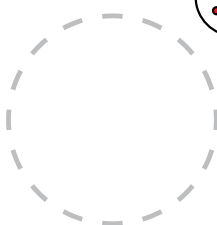
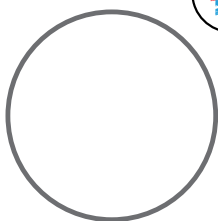
KRUG



1.



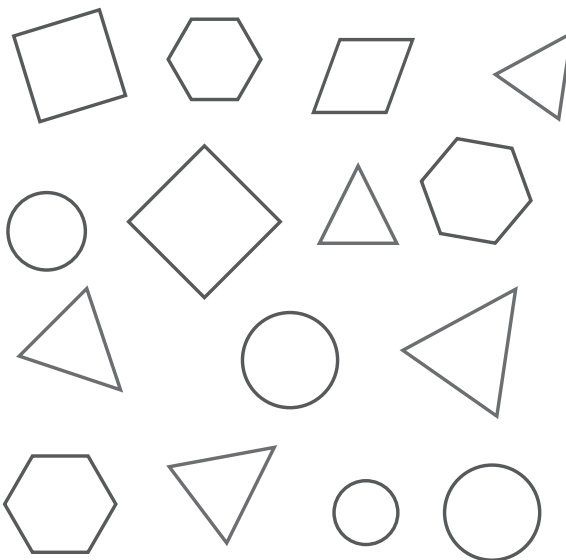
Oboji, poveži i
nacrtaj **krug!**



2.



Pronađi i **oboj**
krugove!



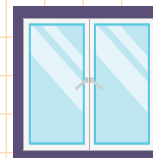
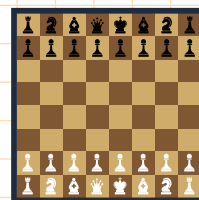
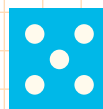
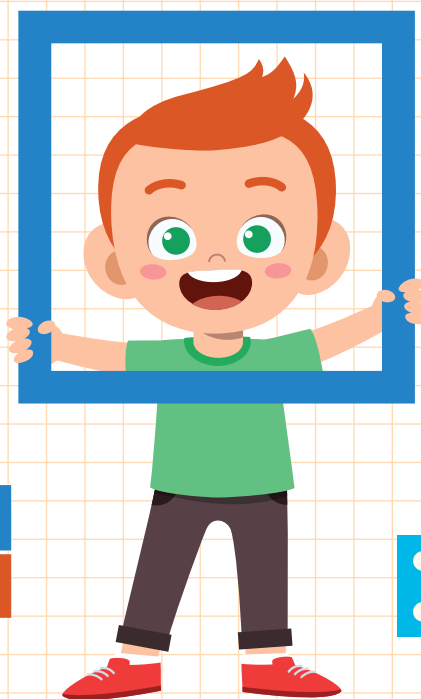
3.



Nastavi kako je
započeto!



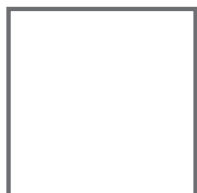
KVADRAT



1.



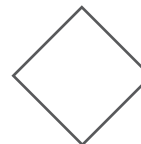
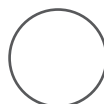
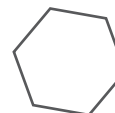
Oboji, poveži i
nacrtaj **kvadrat**!



2.



Oboj velike
kvadrate crvenom, a
male **zelenom**!



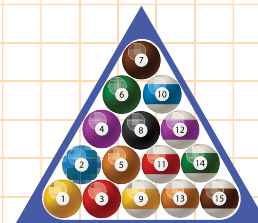
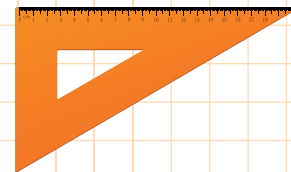
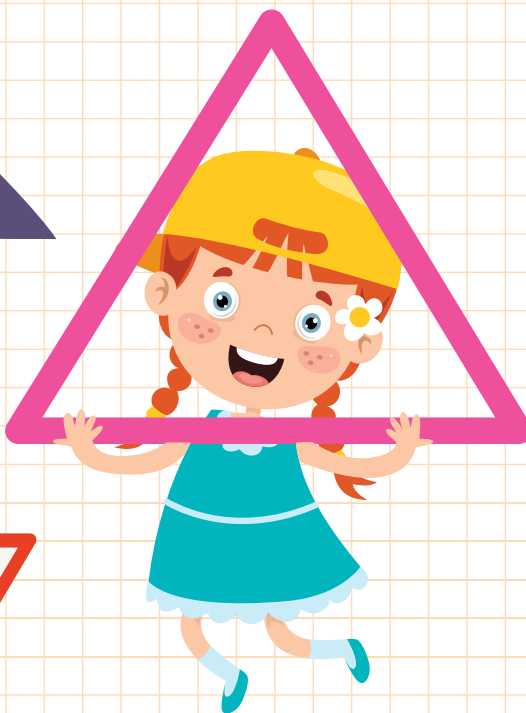
3.



Nastavi kako je
započeto!



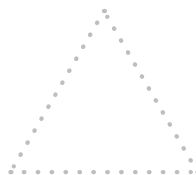
TROUGAO



1.



Oboji, poveži i nacrtaj
trougao!



2.



Oboj istom bojom
trougule iste veličine!



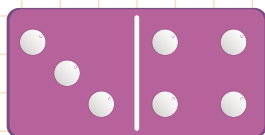
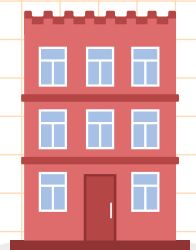
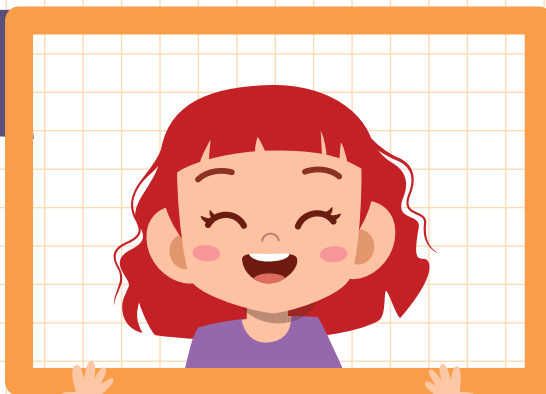
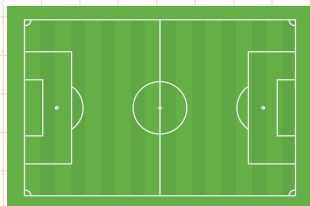
3.



Nastavi kako je
započeto!



PRAVOUGAO



1.



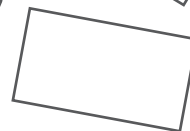
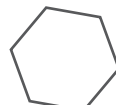
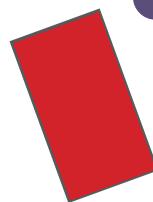
Oboj, poveži i nacrtaj
pravougao!



2.



Oboj istom bojom
pravougle iste veličine!



3.



Nastavi kako je
započeto!



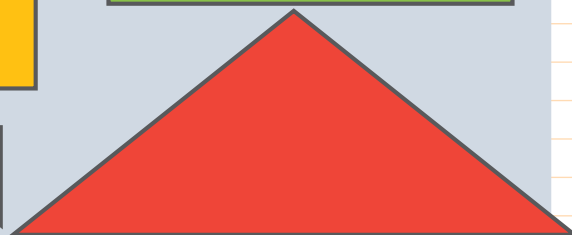
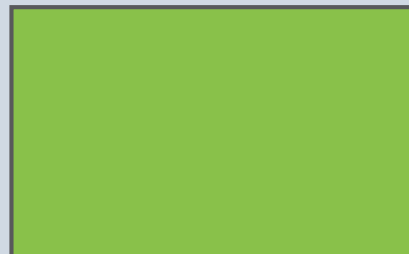
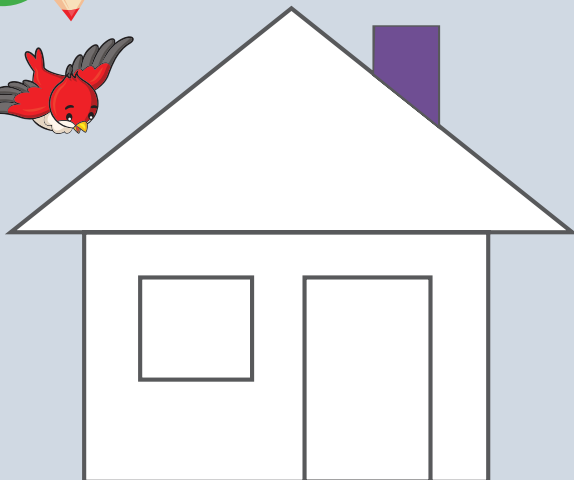
IZRAĐUJEM MODELE OD 2D-OBLIKA



1.



Oboj 2D-oblike

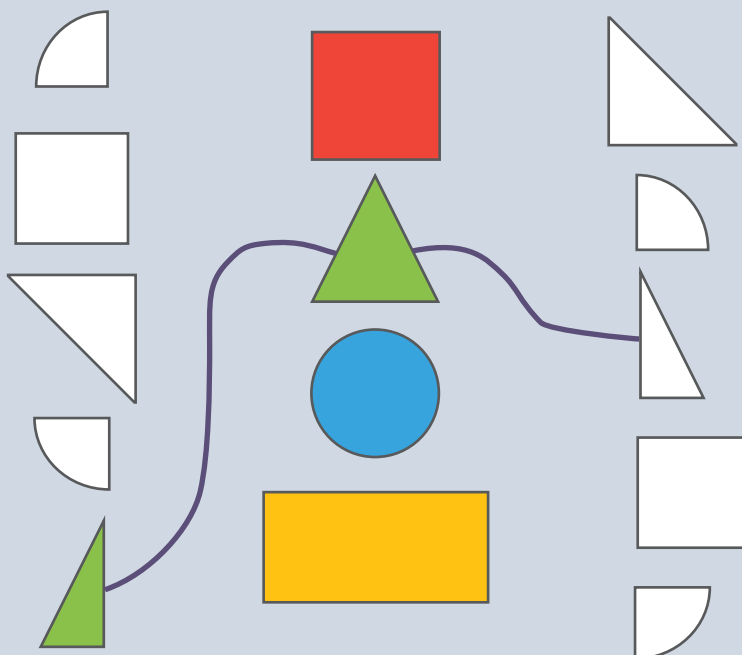


Izreži kolaž-hartiju u 2D oblike i napravi sliku kućice!

2.



Poveži dijelove od kojih su sastavljeni oblici!
Onda **oboj** dijelove istom bojom!



RAVNE I ZAoblJENE POVRŠINE

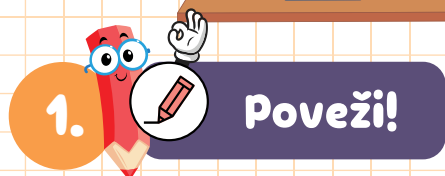
Koji predmeti u učionici
imaju **ravne** površine?



Ravne
površine

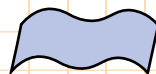
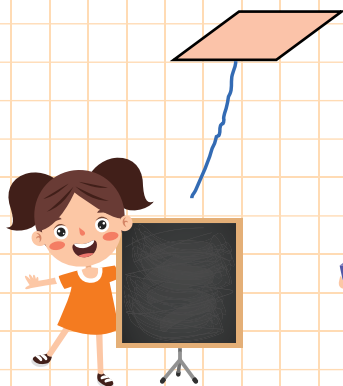


Zaobljene
površine



1.

Poveži!



3D-OBLICI

LOPTA, KOCKA, KVADAR, CILINDAR I KONUS



1.



Opiši šta vidiš na slici! Kakav **oblik** imaju predmeti?



LOPTA



KOCKA



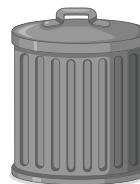
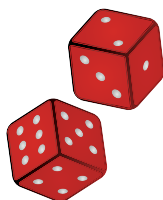
KVADAR



CILINDAR



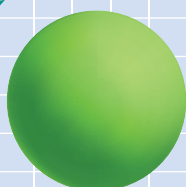
KONUS



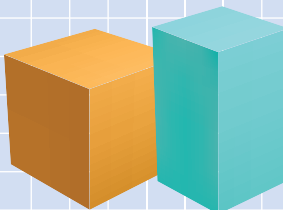
2.



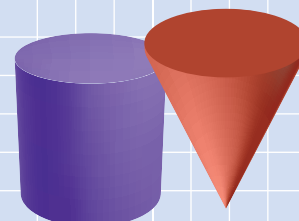
Koji se oblik kotrlja najbolje? **Zašto?**



Ima samo **zaobljenu** površinu.



Ima samo **ravne** površine.



Imaju **zaobljene** i **ravne** površine.

LOPTA



1.



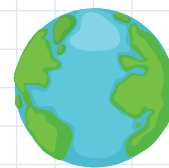
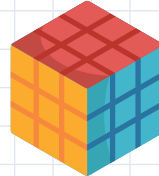
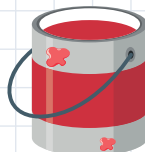
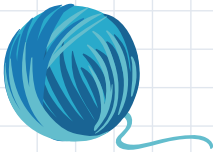
Poveži čime se djeca igraju!



2.



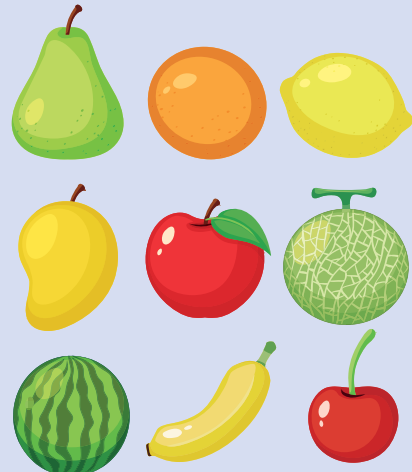
Zaokruži predmete koji imaju oblik **lopte**!



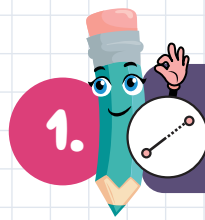
3.



Koje voće ima oblik **lopte**? **Nacrtaj!**



KOCKA I KVADAR



1. Poveži predmet sa 3D-oblikom!



KOCKA



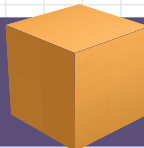
KVADAR



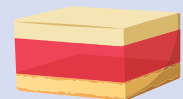
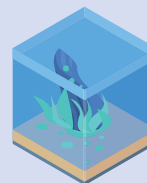
2.



Zaokruži



!



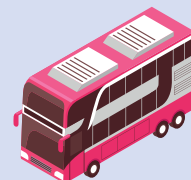
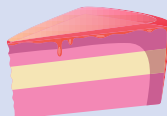
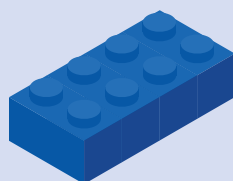
3.



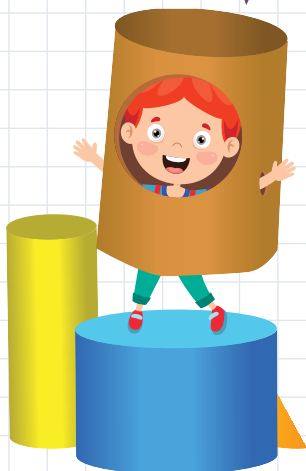
Precrtaj



!

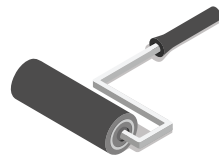


CILINDAR



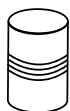
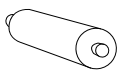
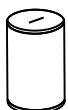
1.

Imenuj predmete u obliku **cilindra**!



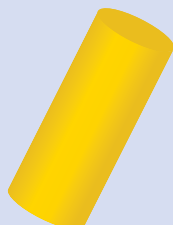
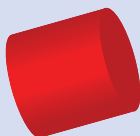
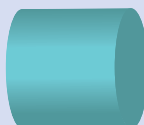
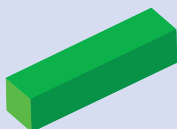
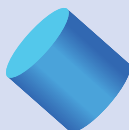
2.

Poveži i oboj predmete u obliku **cilindra**!



3.

Zaokruži **cilindre**!



KONUS

ZDRAVO!



1.

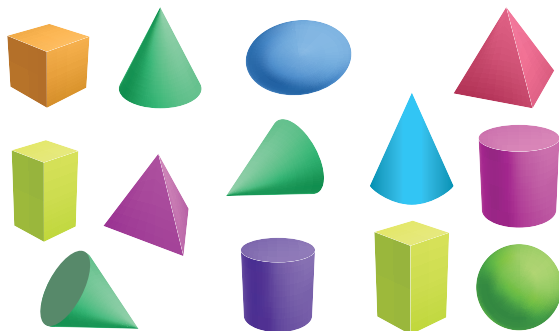
Imenuj predmete u obliku **konusa**!



2.



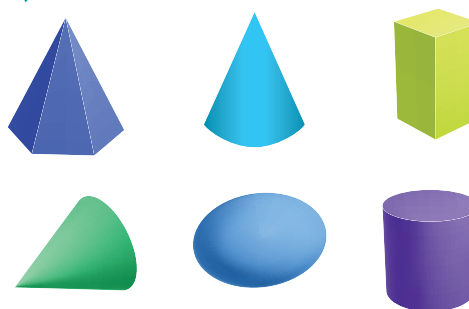
Zaokruži



3.



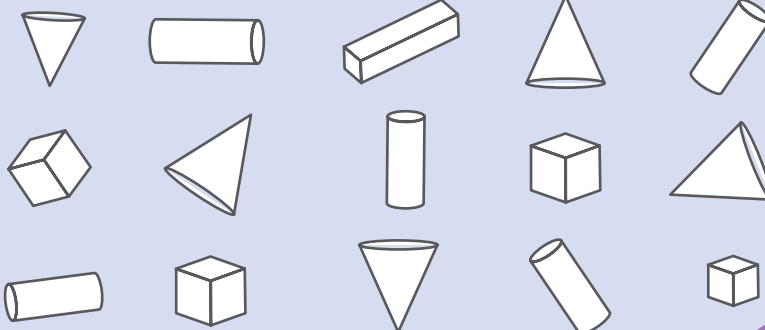
Precrtaj oblike koji nisu



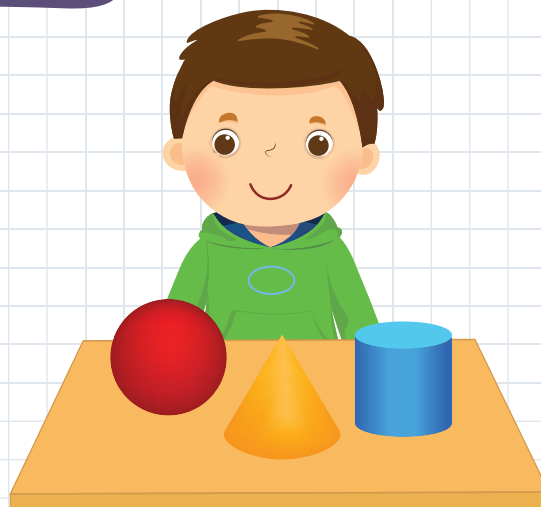
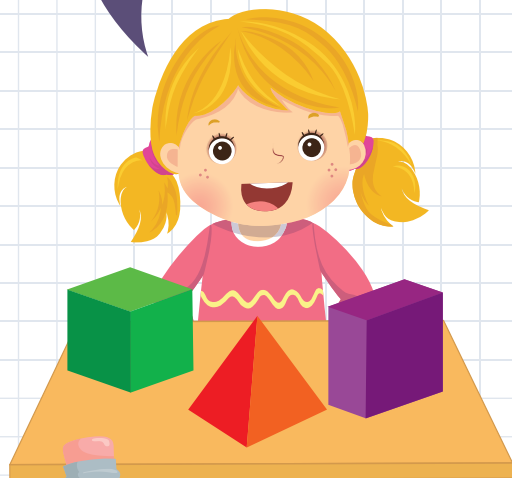
4.



Oboj konuse!



KOJI JE OVO 3D-OBLIK?

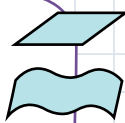


1.



Igrajte Igru „**Pogodite 3D-oblik!**“ Uzmite vrećicu i u njoj stavite 3D-oblike. Jedno dijete opisuje površine koje dodiruje u vrećici, a druga djeca pogađaju koji 3D-oblik dodiruju. Provjerite!

Ima jednu ravnu i jednu zaobljenu površinu.



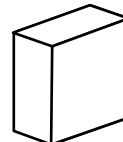
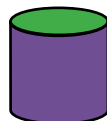
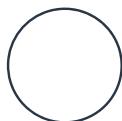
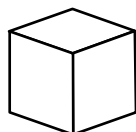
Konus!?



2.



Oboj ravne površine **zelenom bojom**, a zaobljene **ljubičastom!!**

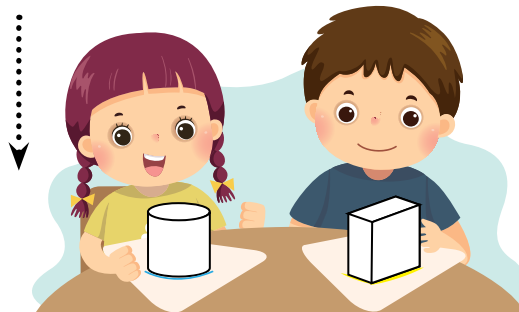
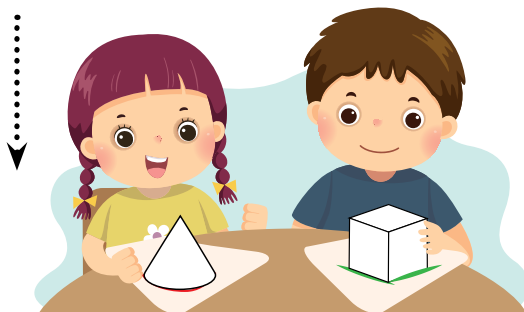


NALAZIMO 2D-OBLIKE NA 3D-OBLIKE

1.



Koji **3D-oblik** ima Nena, a koji Novak?



Koji **2D-oblik** je dobila Nena, a koji Novak?
Nacrtaj njihove listove i **oboji**!

BROJANJE, BROJEVI DO 10 I OPERACIJE

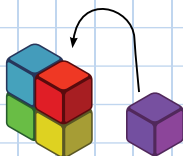
ŠTA ĆEŠ NAUČITI



1
BROJANJE

2
BROJEVI
DO 10

4
SABIRANJE
BROJEVA DO 10



3
UPOREĐIVANJE
BROJEVA DO 10



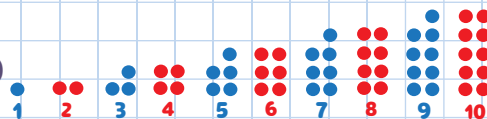
5
ODUZIMANJE
BROJEVA DO 10



6
RAD S
PODACIMA

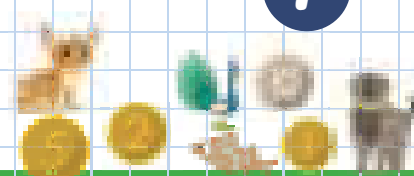
	○	△	□
✿	4		
✿			
✿			
✿			

9
UDVOJAVAMO I
PREPOLOVLJAVAMO
DO 10



7
MAKEDONSKI
DENARI

8
PARNI I
NEPARNI
BROJEVI DO 10



MANJE, VIŠE

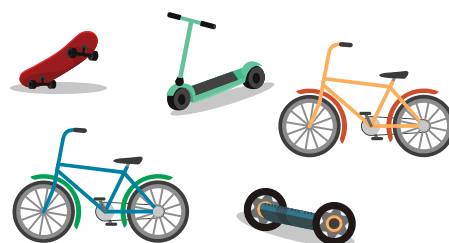
Šta će se
desiti kada
**stane
muzika?**



Igra „Muzička stolica“

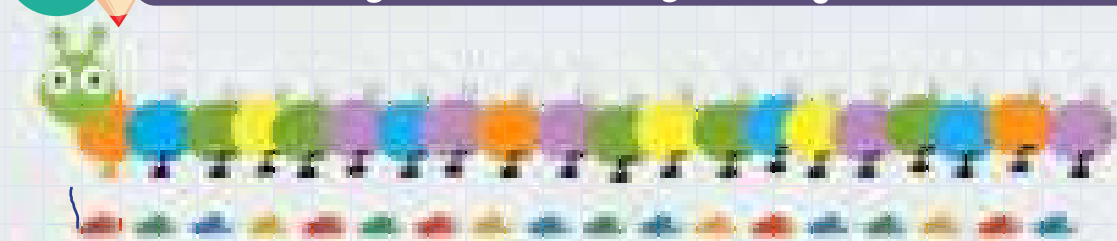
1.

Šta ima
više, a šta
manje?
**Poveži i
otkrij!**

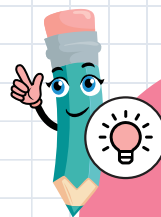


2.

Dali ima **dovoljno**  ? **Poveži i otkrij!**
Docrtaj to što ima **manje** i **broj** koliko ga ima!



BROJIMO DO 10



Hajde da
brojimo
zajedno: **jedan**
slon, **dva**
lava...

Ko zna brojati
više od 10?

Ja znam do
100!

Izbrojat ću sve
životinje na slici!





Izbroj koliko
slončića, roda,
zebri,... ima u
zoološkom vrtu!

**DA IZBROJIMO
KOLIKO JE...**



Upiši crtica onoliko koliko si životinja izbrojao od svake vrste!



BROJIMO UNAZAD



Hajdemo **brojati** s vrha naniže koliko životinja ima u svakom redu!

Izbrojao sam **DESET** žapčića, **DEVET** pilića...



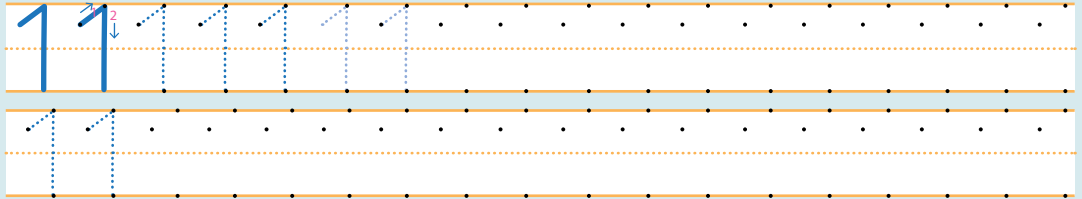
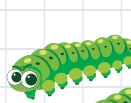
BROJ JEDAN 1



1.



Zaokruži ono što je JEDNO!



2.



Upiši i nacrtaj!



1

1

3.



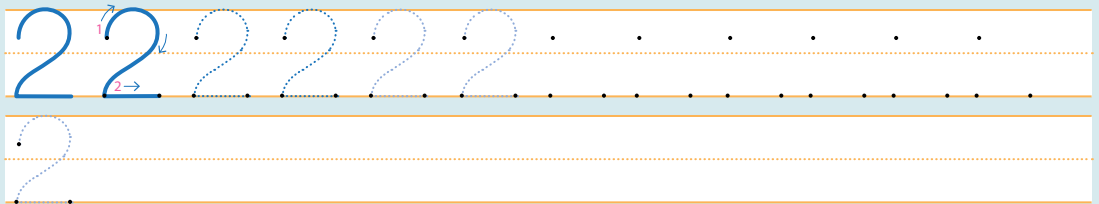
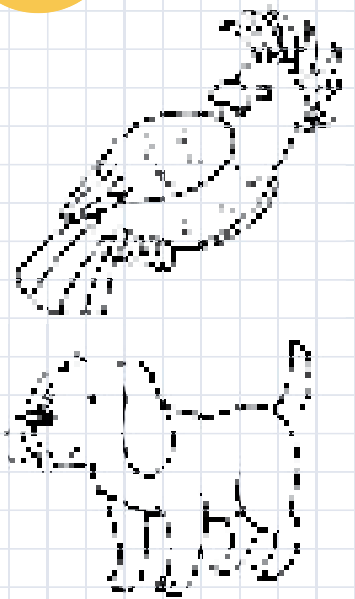
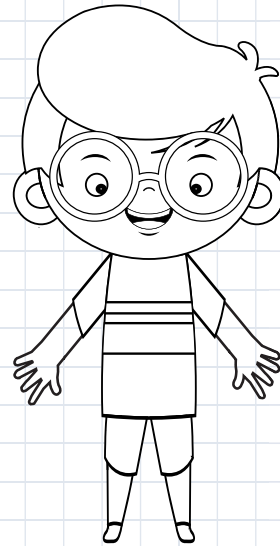
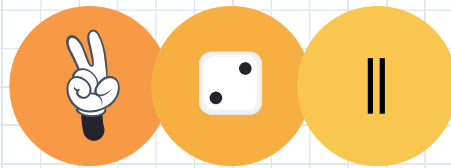
Precrtaj da bi ostalo 1!



stranica

45

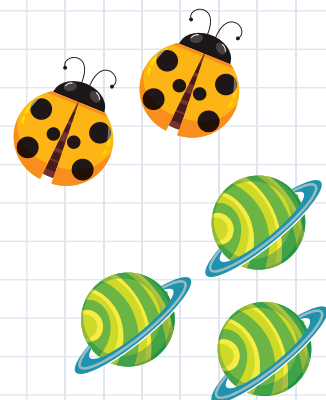
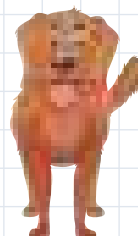
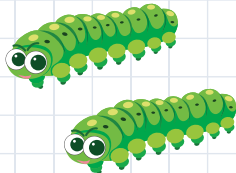
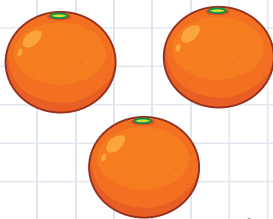
BROJ DVA 2



2.



3. Zaokruži samo po dve iste!



3.



Oboj kako je započeto!



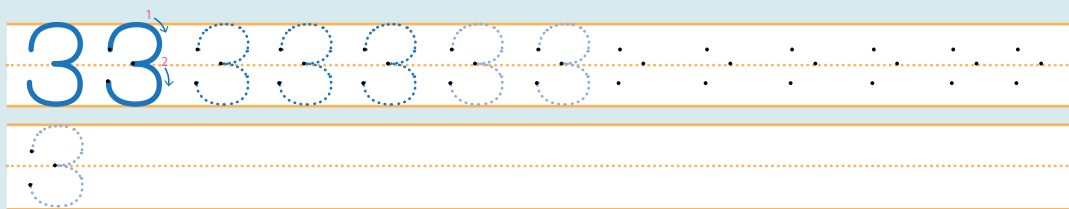
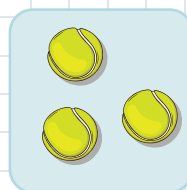
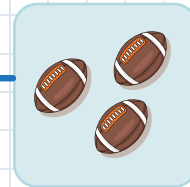
BROJ TRI 3



1.



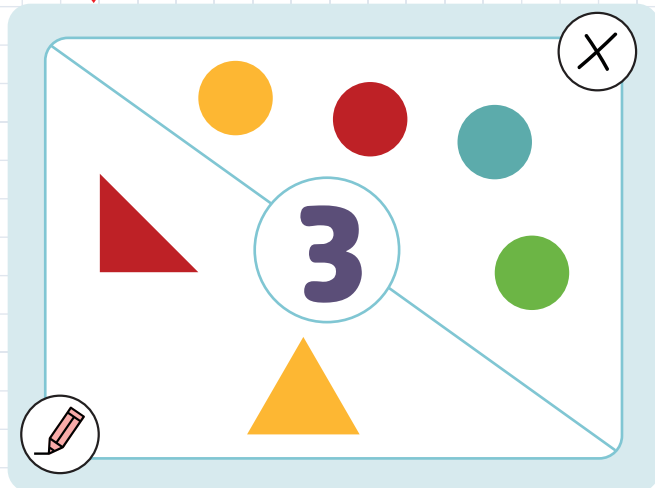
Poveži gdje ima 3!



2.



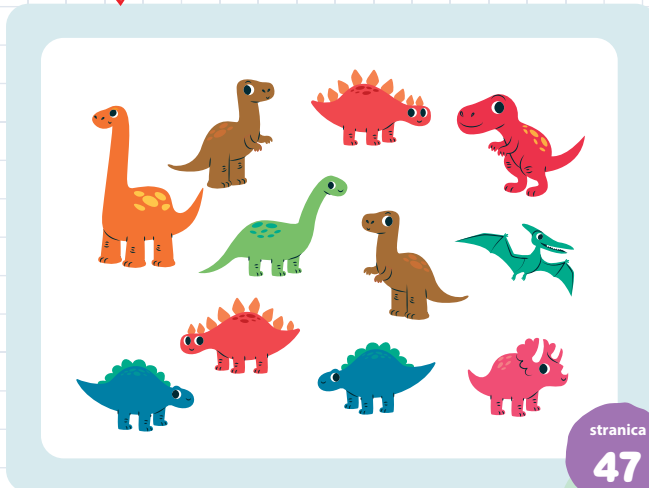
Docrtaj ili precrtaj
da budu tri!



3.



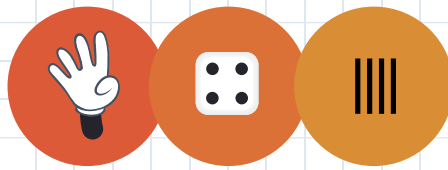
Zakružuj po 3!



stranica

47

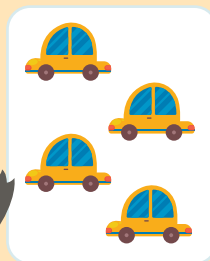
BROJ ČETIRI 4



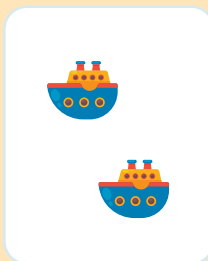
1.



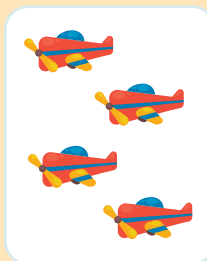
Izbroj i zaokruži tačan broj!



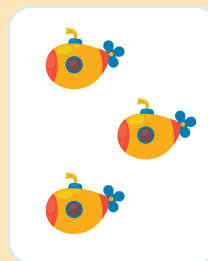
1 2 3 4



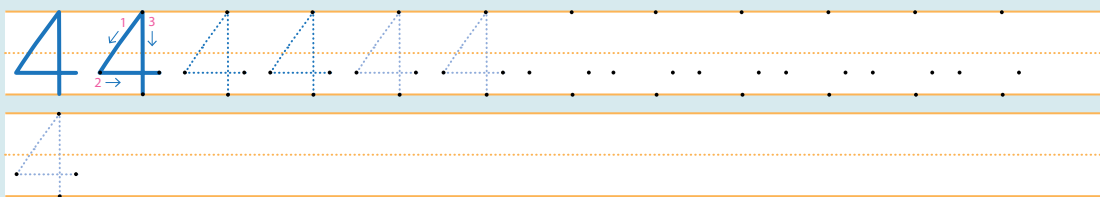
1 2 3 4



1 2 3 4



1 2 3 4



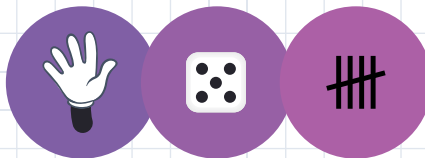
2.



Oboj prijevorna sredstva koja se kreću na **tačno 4** točka!



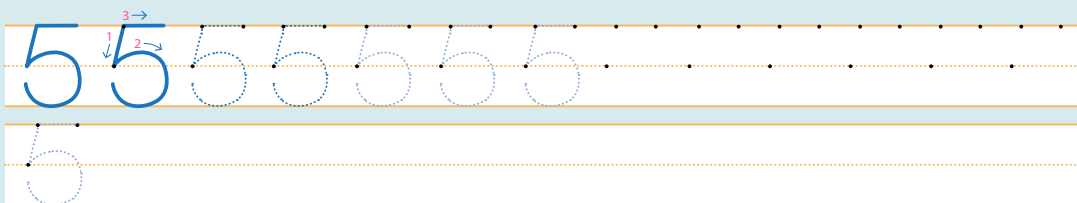
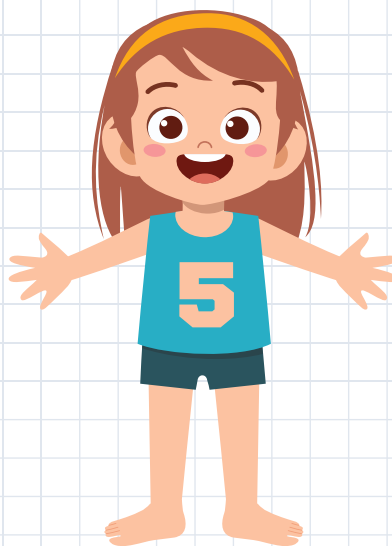
BROJ PET 5



Koliko **ruku**
imamo?

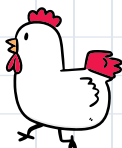
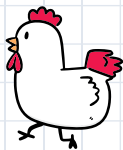
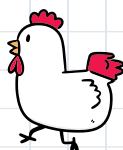
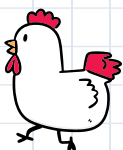
Koliko **prstiju**
imamo na svaku
ruku?

Koliko **prstiju**
imamo na svaku
nogu?



1.

Docrtaj i oboji da bude 5!



stranica

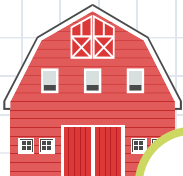
49

BROJIMO I PIŠEMO OD 1 DO 5

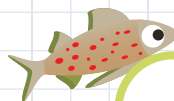
1.



Izbroji i upiši!



2



2.



Upiši
brojeve istim
redoslijedom!

1 2 3 4 5 1
5 4 3 2 1 5

UPOREĐUJEMO BROJEVE DO 5



$$2 < 4$$

broj **2** **jmanji od** broj **4**



$$2 > 1$$

broj **2** **je veći od** broj **1**



$$4 = 4$$

broj **4** **je jednak** broju **4**



**Pišemo
znake:**

manje

<

<

<

<

<

veće

>

>

>

>

>

jednako

=

=

=

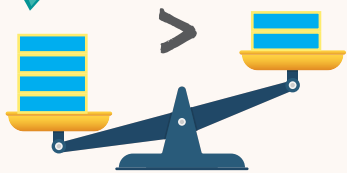
=

=

2.



Izborj, uporedi i upiši!



4 > 2



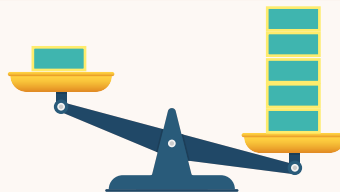
○ △ ○



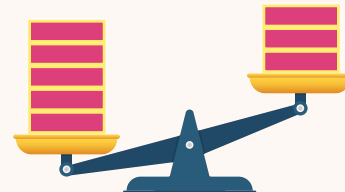
○ △ ○



○ △ ○



○ △ ○



○ △ ○

3.



Izborj, uporedi i upiši

>

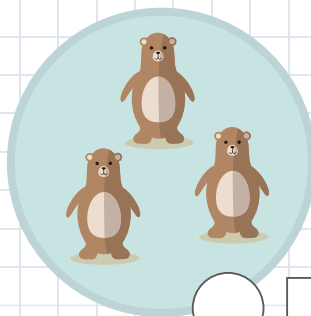
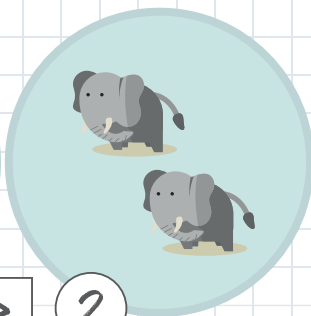
<

ili

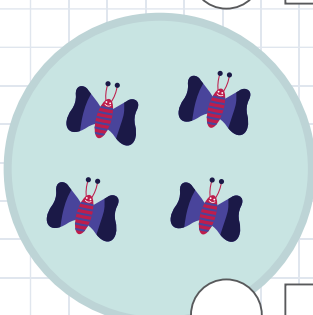
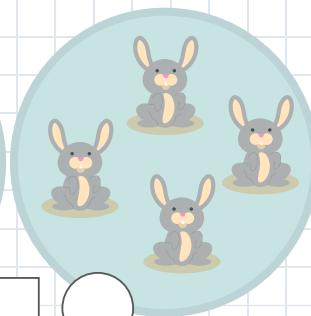
=



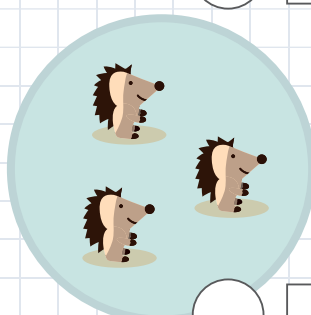
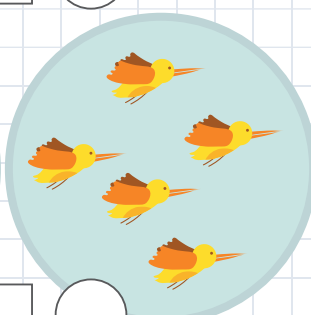
3 > 2



○ □ ○



○ □ ○



○ □ ○



4.



Docrtaj i oboj tačan broj 2D-oblika!



2

<

3



=

5

5.



Oboj tačan broj krugova!

Poslije uporedi brojeve i u upiši tačan znak!



1

<

4



3

<

1



2

<

2



4

<

5



6.



Uporedi brojeve i **upiši** tačan znak <, = или > во !

3



5

5



2

2



4

5



5

5



3

3



3

1



5

3



2

7.



U **upiši** broj od 1 do 5 da bude tačno!

2

<

3



=

1



>

3

3

>



>

2

2

=



2

<



<

3



<

4

Da li u neki možeš upisati drugi broj da opet bude tačno?

ZA 1 VIŠE, ZA 1 MANJE

Jelena je prošle godine napunila **4 godine**.

Koliko godina puni Jelena sada?



Za 1 više od 4 je 5.

1.



Prebroj i
upiši!



Za 1 više od 1 je 2.



Za 1 više od je .



Za 1 više od je .

Enis je puhnuo

samo



od svih



Koliko



je ostalo
da gori?



Za 1 manje od 5 je 4.

2.



Prebroj i
upiši!



Za 1 manje od 3 je 2.



Za 1 manje od je .



Za 1 manje od je .

SABIRAMO BROJEVE DO 5.

Za 1 više
od 1 je 2

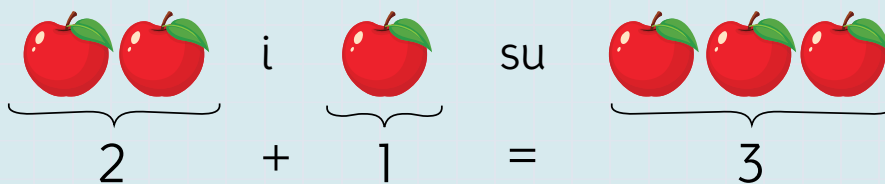
Jedan i
jedan su
dva.

1 + 1 = 2
jedan plus jedan jedan jednako je na dva



1.

Objasni i izgovori pravilno!



2.

Koliko **ukupno** tlopti je iste **vrste**?
Saberi, nacrtaj i zapiši!



$$1 + 2 = \square$$



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

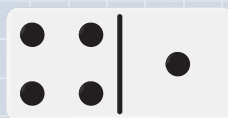
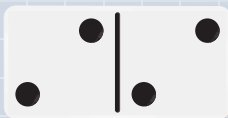
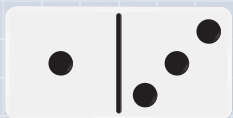


$$\square + \square = \square$$

3.



Koliko ukupno tački ima na svakom dominu?
Izračunaj i upiši!!

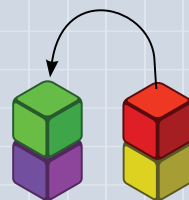
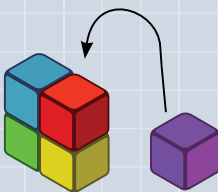
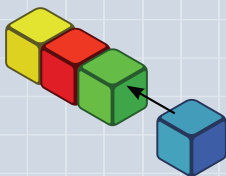


$$1 + 3 = \square \quad \square + \square = \square \quad \square + \square = \square \quad \square + \square = \square$$

4.



Izračunaj i upiši!



$$3 + 1 = \square$$

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

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

5.



Oboj i upiši!



$$1 + 3 = 4$$



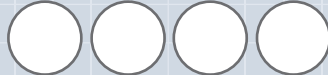
$$4 = 1 + 3$$

$$2 + 2 = \square$$



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

$$3 + \square = 4$$

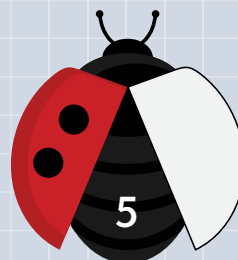
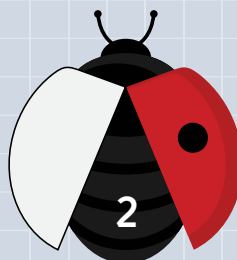
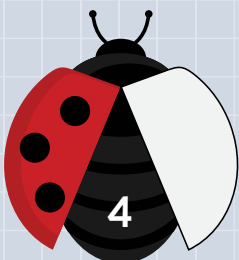


$$\square = \square + \square$$

6.



Koliko nedostaju tačke da bude tačan broj. Oboji!



$$3 = \square + \square$$

$$4 = 3 + \square$$

$$2 = \square + 1$$

$$5 = \square + \square$$

JOŠ KOLIKO NEDOSTAJE?



Baštovan Meto gaji ukusno voće i povrće i cveće.

Ono je raspoređeno

ravnomjerno. Još koliko mu nedostaju? **Izbroj i upiši!**



Koliko



nedostaju u



?

3

Koliko



nedostaju u



?

Još koliko



se mogu staviti na



?

Još koliko



sakuplja u



?

ODUZIMAM 0 BROJEVE DO 5

Za 2 manje
od 5 je 3.

Dime ima
5 kugle
sladoleda



5
pet

Pale su mu
2 kugle.

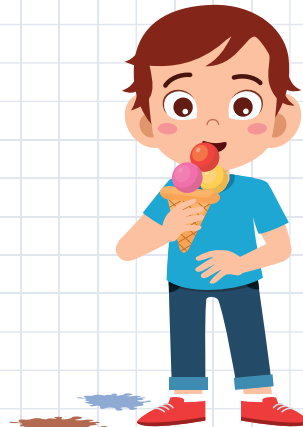


-
minus

2
dva

=
jednako je

3
tri

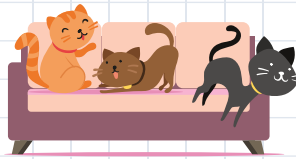


Dime sada ima
3 kugle
sladoleda

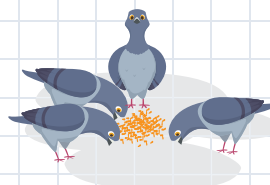
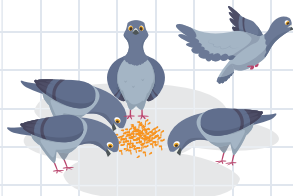
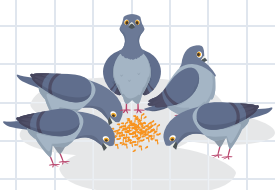


1.

Ispričaj priču, **izračunaj** i **upiši!**



$$3 - 1 = \square$$



$$\square - \square = \square$$



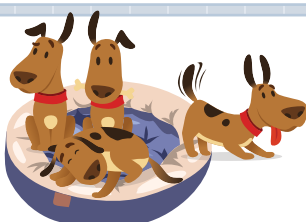
2. Ispričaj priču, izračunaj i upiši!



$$\square - \square = \square$$



$$\square - \square = \square$$



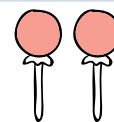
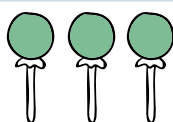
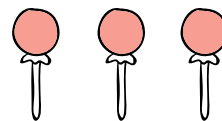
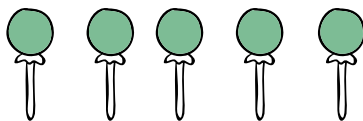
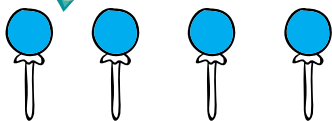
$$\square - \square = \square$$



3.



Koliko lizavca će ostati? Nacrtaj, oboj i upiši!



4

-

1

=

$$\square$$

-

=

$$\square$$

-

=

$$\square$$

4.



Prečrtaj i izračunaj koliko ostaju!



4

-

3

=

$$\square$$



3

-

1

=

$$\square$$



5

-

4

=

$$\square$$

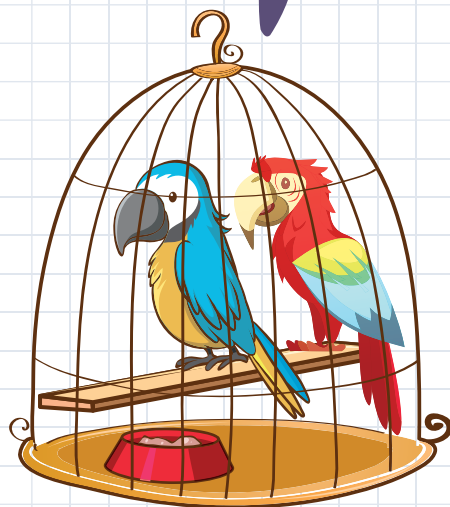


stranica

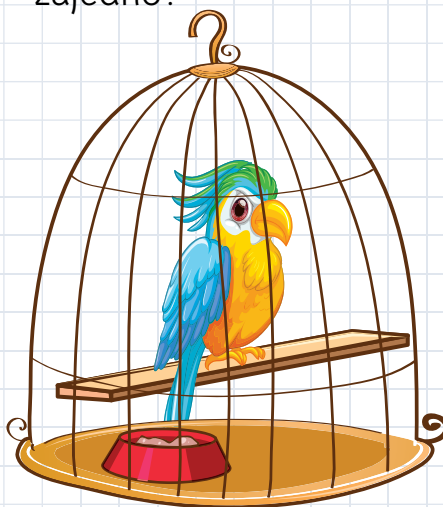
59

VEZA IZMEĐU SABIRANJA I ODUZIMANJA

Koliko papagaja ima
Magde u oba kafeza
zajedno?



Kiki i Mimi



Bobo

$$2 + 1 = 3$$

Neki od njih **spavaju** u **pokrivenom kafezu**.

Koliko od **3** papagaja
spavaju ako **2** papagaja
su budna?



$$3 - 2 = 1$$

Koliko od **3**
papagaja spavaju ako
1 papagaj je budan?



$$3 - 1 = 2$$



1.

Koliko ukupno risova ima ako su 4 ispred jazbine, a 1 ris je u lovu?

$$4 + 1 = \square$$



Koliko od **5 risova** je ostalo ispred jazbine ako **1 ris** otišao u lov?

$$5 - 1 = \square$$

Koliko od **5 risova** je otišlo u lov ako **4 risa** ostalo ispred jazbine?

$$5 - 4 = \square$$



2.

Koliki ukupno malih i velikih lisica ima?

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



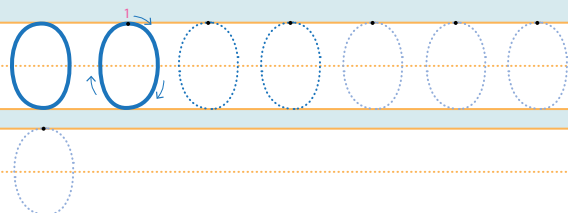
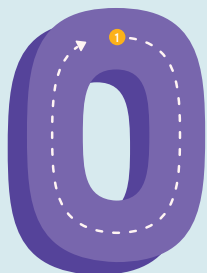
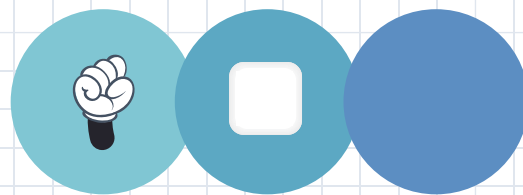
Između **5 lisica**, **3 su mala** lisičad. Koliko od lisica su velike?

$$\square - \square = \square$$

Između **5 lisica**, **2 su velike** lisice. Koliko od lisica su male?

$$\square - \square = \square$$

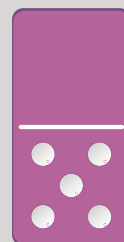
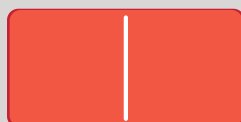
BROJ NULA 0



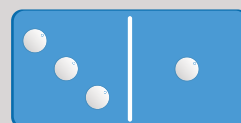
1.



Izbroj i poveži!



0 1 2 3 4 5



Koliko
cvjetova
ostaju:

ako uvenu sva 3 cvjeta?



$$3 - 3 = 0$$

ako dodam 0 cvjetova?



$$3 + 0 = 3$$

ako ne uvene niti jedan?



$$3 - 0 = 3$$

2.



U Imalo **pet** . Emel uzela ,
mama uzela , Mahor je uzeo , tata je
uzeo , Adam je uzeo .

Koliko **je ostalo?**



$$5$$



$$5 - 1 = 4$$



$$4 - 1 = \square$$



$$3 - 1 = \square$$



$$2 - 1 = \square$$

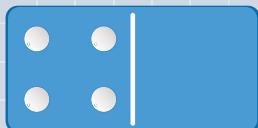


$$1 - 1 = \square$$

3.



Koliko je tački ukupno na dominu?



$$4 + 0 = 4$$



$$0 + 1 = \square$$



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

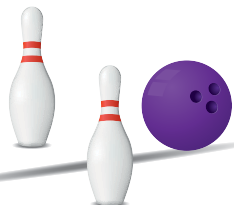


$$\square + \square = \square$$

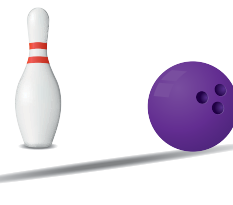
4.



Koliko je kegli
gumula loptica?
Koliko keglja su
ostali da
stoje?



$$2 - 0 = \square$$



$$1 - 0 = \square$$

5.



Koliko
kružića
nisu
precrtana?



$$4 - 4 = 0$$



$$2 - \square = \square$$



$$3 - \square = 0$$

BROJEVNA PRAVA 0 do 5

Ja sam između
brojeva 2 i 4!



Teuta

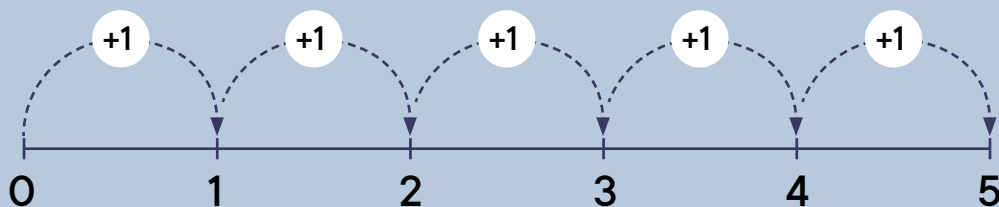


Ja sam za jedan
veći od 2, a za
jedan manji od 4.



Mihail

Brojevena prava

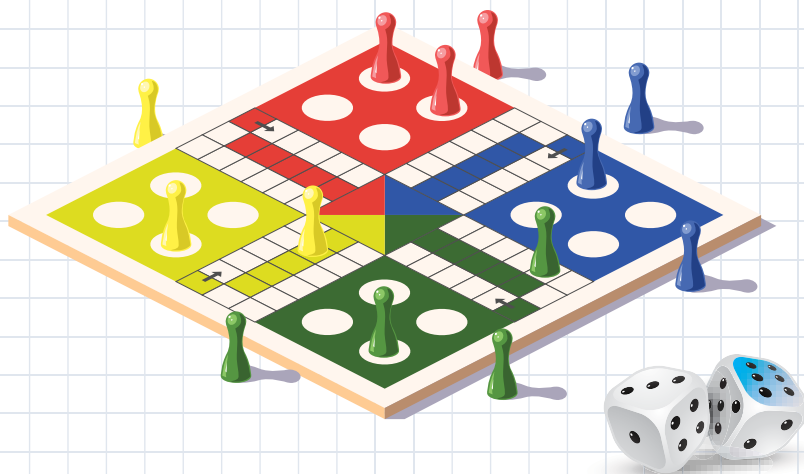


1.

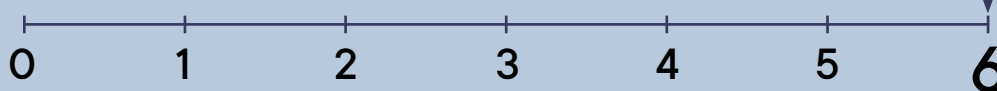
Izbor i poveži!



BROJ ŠEST 6



6 je za 1 veći od 5



+1

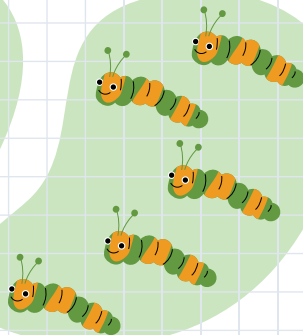
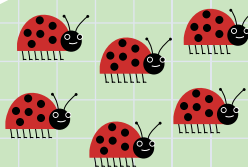
$$5 + 1 = 6$$

$$5 < 6$$

1.



Izbroj i poveži!



2.



Dopuni da bude 6!



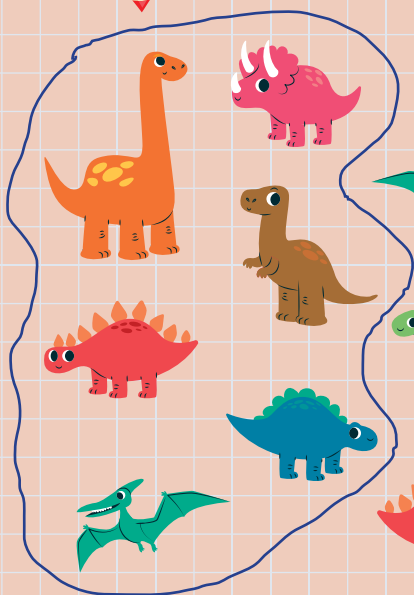
stranica

65

3.



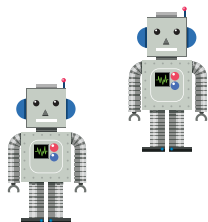
Zaokružuj po 6!



4.



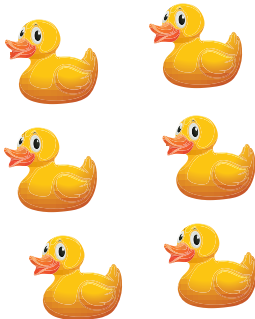
Izbroj i zaokruži tačan broj!



2

5

4



1

3

6



1

2

5



4

3

6



6 6 6 6 6 6 6 6

6

UPOREĐUJEMO, SABIRAMO I ODUZIMAMO BROJEVE DO 6

1.



Izboraj i uporedi!



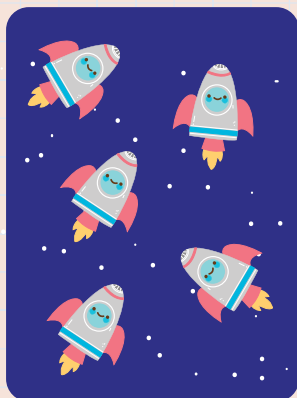
manje



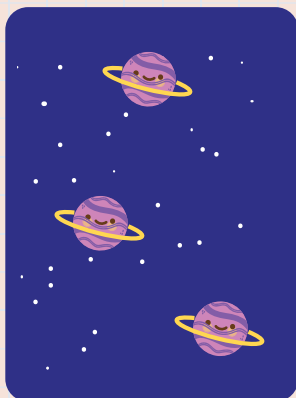
jednako



veće



5



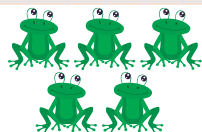
2.



Hajde da **sabiramo!**
Izbroj i upiši!



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



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



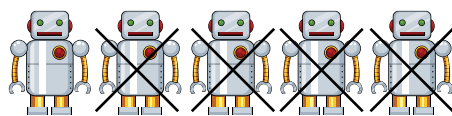
$$\square + \square = \square$$

3.



Hajde da **oduzimamo.**
Precrtaj, izbroj i upiši!

$$5 - 4 = 1$$



$$3 - 1 = \square$$



$$6 - 3 = \square$$



4.



Izbroj **plave** i **crvene**
oblike! **Dopuni!**

Koliko **crvenih** oblika
ima? **Upiši!**

$$6 + 0 = 6$$

$$5 + 1 = 6$$

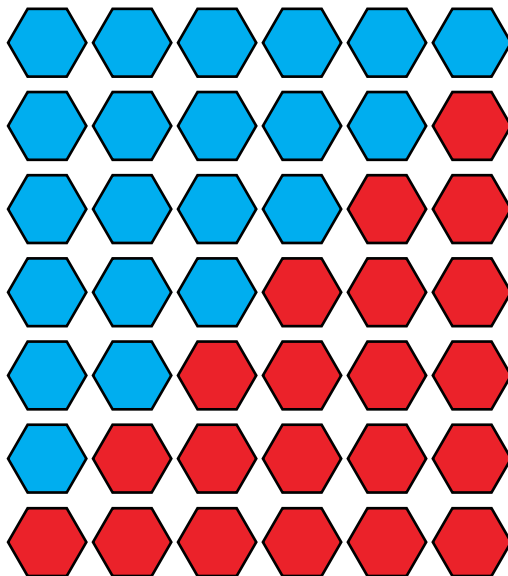
$$\square + 2 = 6$$

$$\square + \square = 6$$

$$2 + \square = 6$$

$$\square + 5 = 6$$

$$0 + \square = 6$$



$$6 - 6 = 0$$

$$6 - 5 = 1$$

$$6 - \square = 2$$

$$\square - \square = \square$$

$$\square - \square = \square$$

$$\square - \square = \square$$

$$\square - \square = \square$$

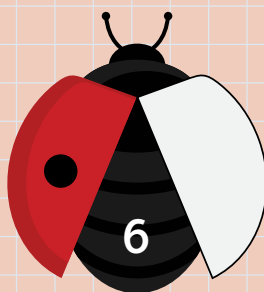
5.



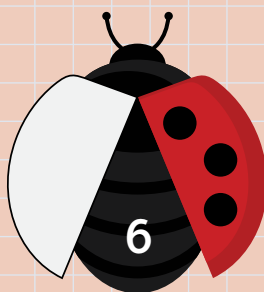
Docrtaj i upiši!



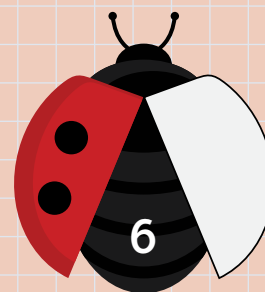
$$4 + 2 = 6$$



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



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



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

6.



Tačno ☒ ili netačno ☒ ?

$$1 + 5 = 6 \quad \checkmark$$

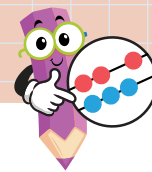
$$5 + 1 = 6 \quad \bigcirc$$

$$3 + 3 = 6 \quad \bigcirc$$

$$2 + 3 = 6 \quad \times$$

$$2 + 4 = 6 \quad \bigcirc$$

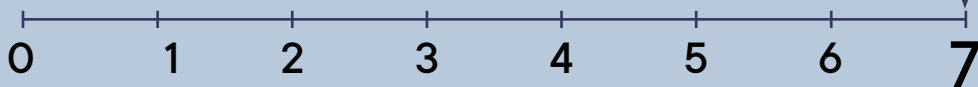
$$2 + 2 = 6 \quad \bigcirc$$



BROJ SEDAM 7



7 je za 1 veći od 6



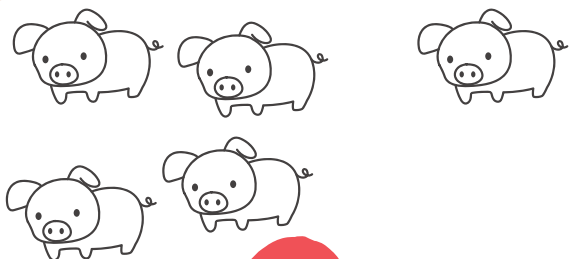
$$6 + 1 = 7$$

$$6 < 7$$

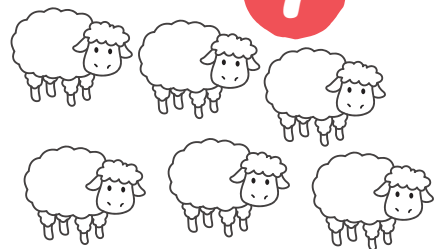
1.



Izbroj i dopuni
da bude 7!



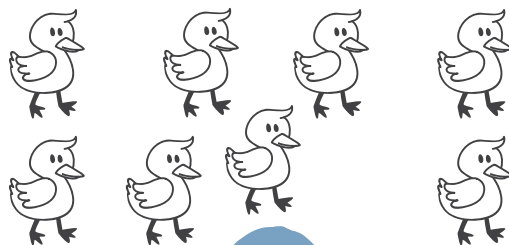
7



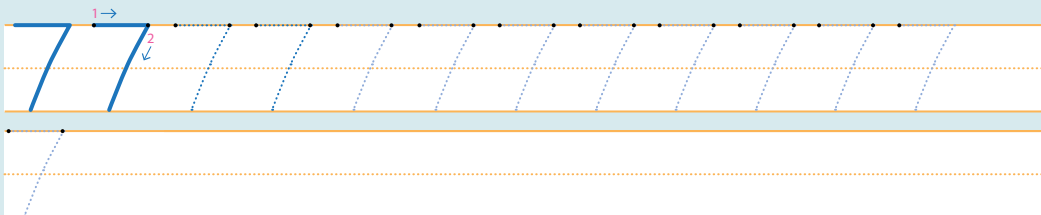
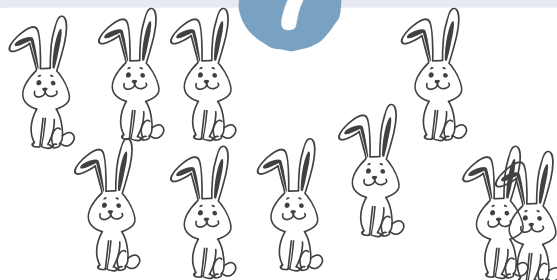
2.



Precrtaj da
bude 7!



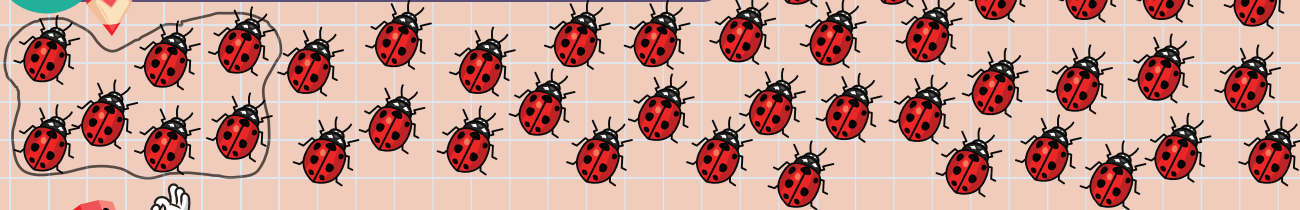
7



3.



Zaokružuj po sedam!



4.



Uporedi i upiši

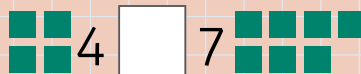
>

<

ili

=

!



5.



Prebroj i upiši tačan broj!



4

+

3

=



7

-

2

=



2

+

=



-

=



+

=



-

=

6.



Izbroj plave i crvene oblike! Dopuni!

Koliko je crveni oblika? Upiši!

0

+

7

=

7



7

-

0

=

7

1

+

6

=

7



7

-

1

=

6

2

+

5

=



7

-

2

=

3

+

=



-

=

+

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-

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+

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+

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-

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+

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-

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BROJ OSAM 8



8 je za 1 veći od 7

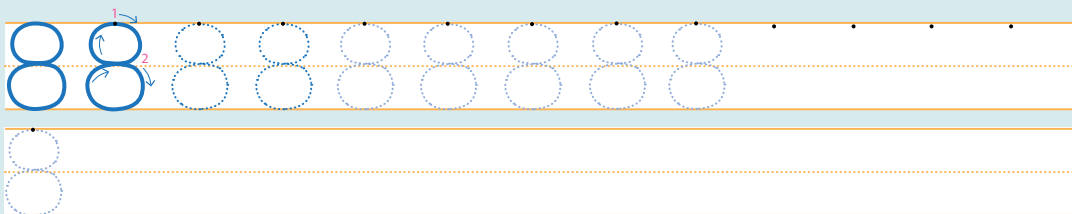
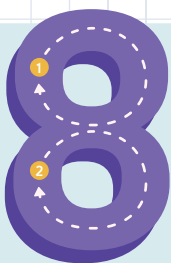
+1

$$7 + 1 = 8$$



1. Izbroj i poveži!

Na Agronovu **rođendansku** **proslavu** došli su: Jeta, Nora, Gala, Ilir, Jana, Matija i Denis.



2. Izbroj, uporedi i upiši <, = ili >!



8

>

1



3. Hajde da sabiramo!



$$6 + 2 = 8$$



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



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



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

4. Oduzmi i upiši!



$$8 - 2 = \square$$



$$\square - \square = \square$$



$$\square - \square = \square$$



$$\square - \square = \square$$

5. Izbroj plave i crvene forme! Dopuni!

Koliko crvenih oblika ima? Upiši!

$0 + 8 = 8$		$8 = 8 - 0$
$1 + 7 = 8$		$7 = 8 - 1$
$2 + 6 = \square$		$6 = 8 - \square$
$3 + \square = \square$		$5 = 8 - \square$
$4 + \square = \square$		$4 = \square - \square$
$\square + \square = \square$		$\square = \square - \square$
$\square + \square = \square$		$\square = \square - \square$
$\square + \square = \square$		$\square = \square - \square$
$\square + \square = \square$		$\square = \square - \square$

6. Oboj balone sa zbirom 8!

Koje si balone obojio?

Zapiši zbirove!

$$5 + 3 = 8$$

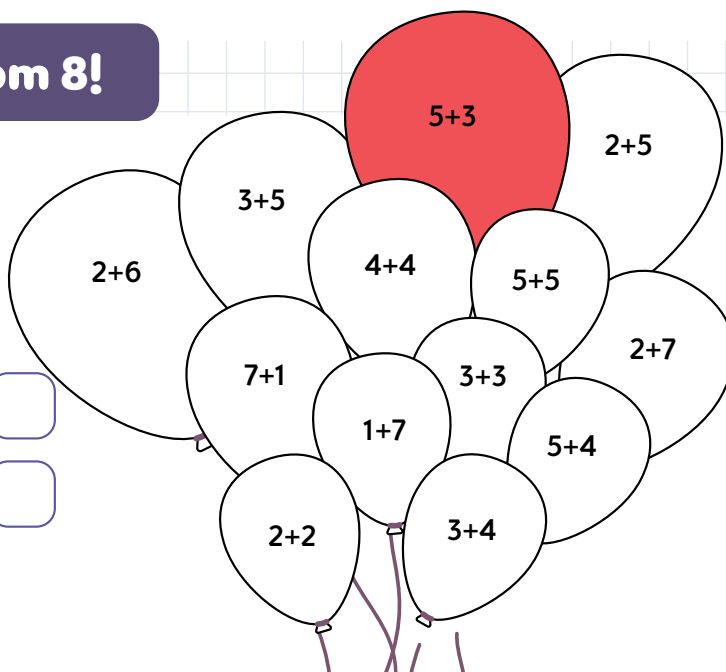
$$\square + \square = \square$$

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

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

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

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



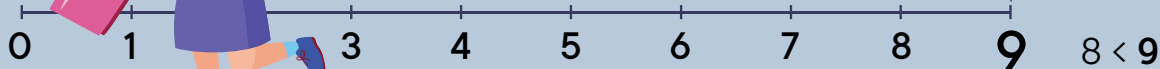
BROJ DEVET 9



9 je za 1 veći od 8

+1

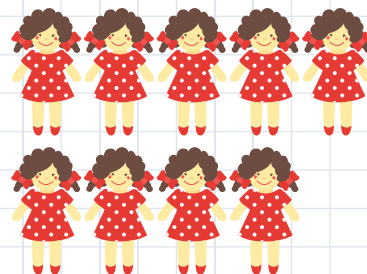
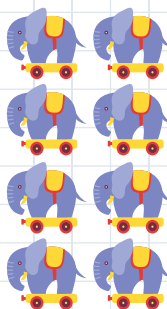
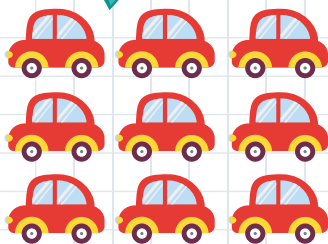
$$8 + 1 = 9$$



1.



Izbroj i poveži!



2.



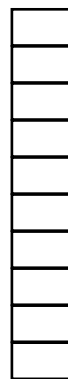
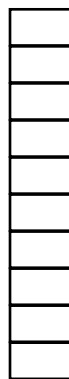
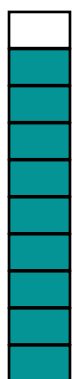
Zaokruži da budu 9!



3.



Oboj i uporedi!



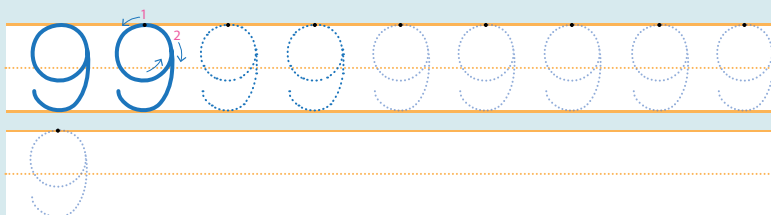
9 > 5

8 ○ 9

6 ○ 9

9 ○ 9

9 ○ 4



4.



Saberi i upiši!



$$4 + 5 = \square$$



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



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

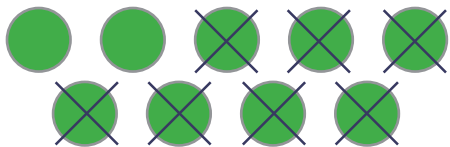


$$\square + \square = \square$$

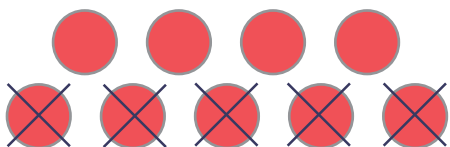
5.



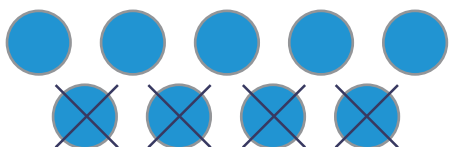
Hajde da **oduzimamo!**
Izračunaj i upiši!



$$9 - 7 = \square$$



$$9 - \square = \square$$



$$\square - \square = \square$$

6.



Nacrtaj, izračunaj
i upiši!

$$9 - 1 = \square$$

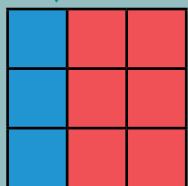
$$9 - 6 = \square$$

$$9 - 9 = \square$$

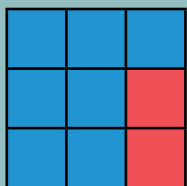
7.



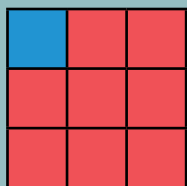
Koji parovi brojeva prave **zbir 9?**
Oboj, izbroj i upiši!



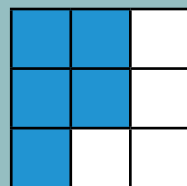
$$3 + 6 = 9$$



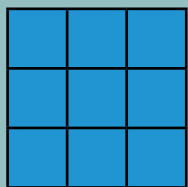
$$7 + \square = \square$$



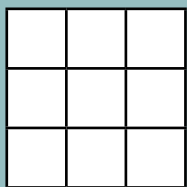
$$\square + \square = \square$$



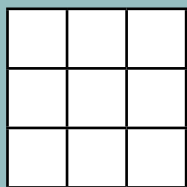
$$\square + \square = \square$$



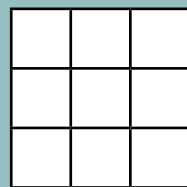
$$\square + \square = 9$$



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

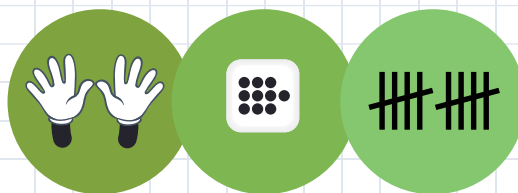


$$\square + \square = \square$$

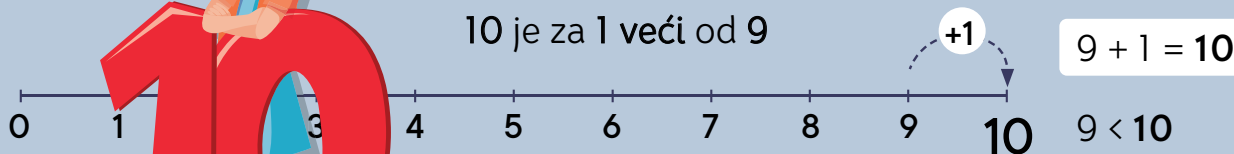


$$\square + \square = \square$$

BROJ DESET 10



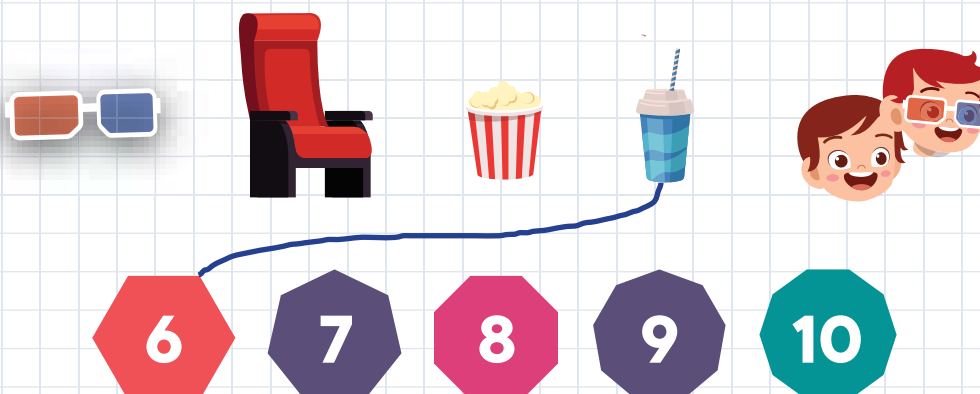
10 je za 1 veći od 9



1.



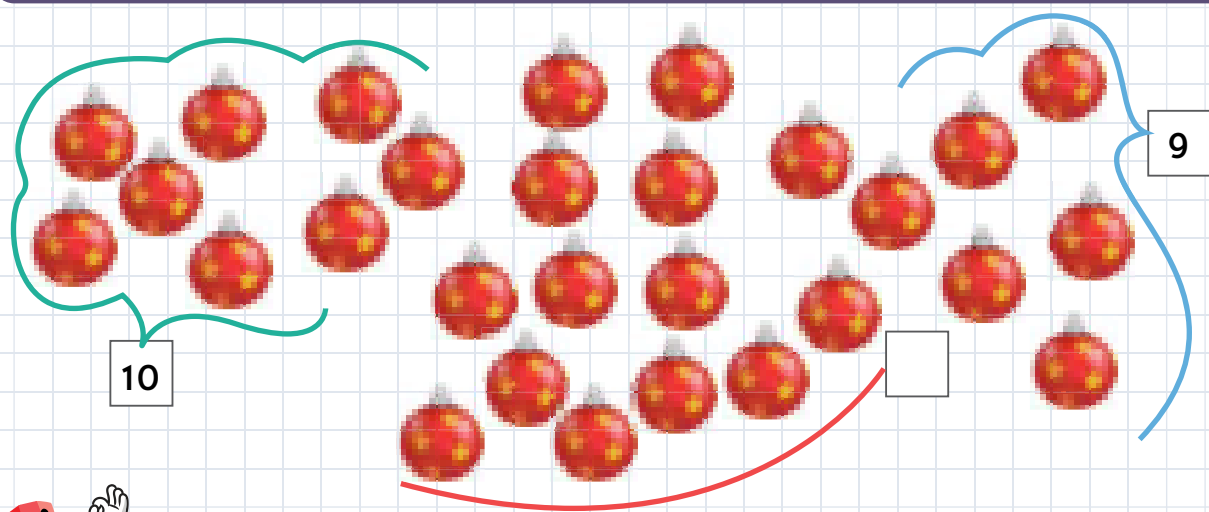
Izbroj i poveži!





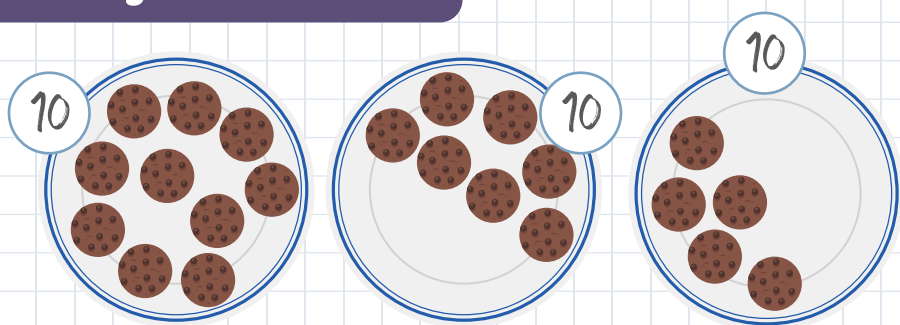
2.

Nacrtaj zatvorenu liniju **oko 10** a drugu liniju **oko 9** ! Oko ostalih **nacrtaj** zatvorenu liniju i **upiši** koliko ih je!



3.

Docrtaj da budu **10**!



4.

može stati **samo na polje sa brojem manjim od broja polja** na koje stoji. Oboji stazu do



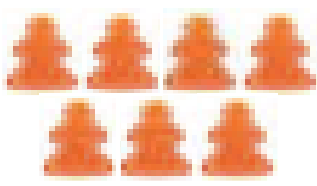
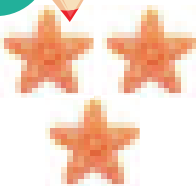
	10	3	8	5	9	10	2
9	8	4	6	3	4	7	0
0	6	7	2	1	8	3	5



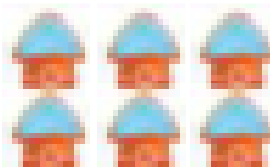
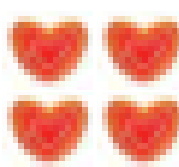
5.



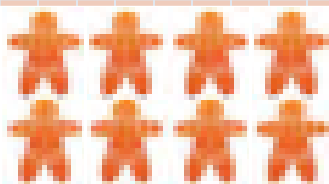
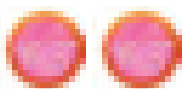
Izbroj kolačiće i upiši!



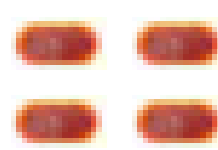
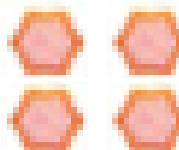
$$3 + 7 = \square$$



$$4 + \square = \square$$



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

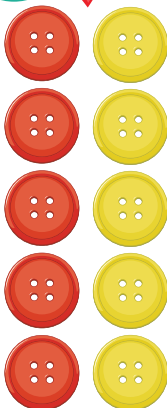


$$\square + \square = \square$$

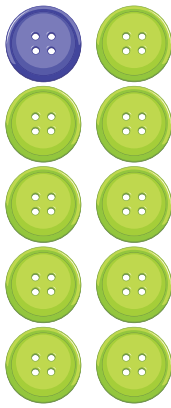
6.



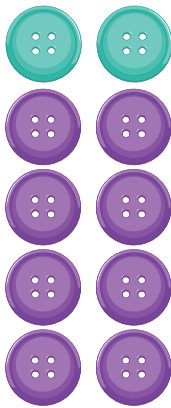
Izbroj i upiši! Šta primjećuješ?



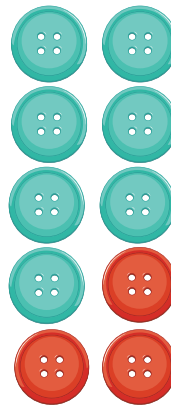
$$10 = 5 + 5$$



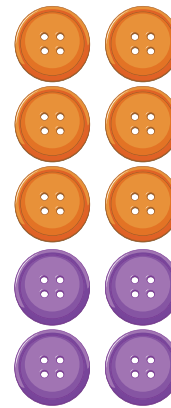
$$10 = 1 + \square$$



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



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



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

7.



Da napravimo 10! Docrtaj i upiši!



6

4



5



1



2



3



4

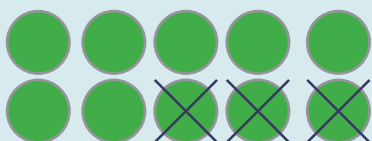
8.



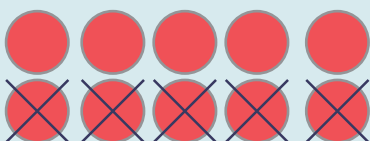
Da oduzmemo od 10!

a)

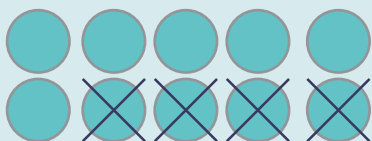
Izbroj i upiši!



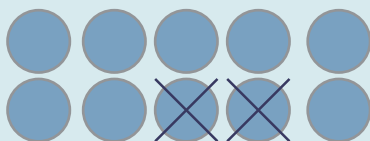
$$10 - 3 = \square$$



$$10 - \square = \square$$



$$\square - \square = \square$$



$$\square - \square = \square$$

6)

Nacrtaj, precrtaj i upiši!

$$10 - 8 = \square$$

$$10 - \square = \square$$

9.

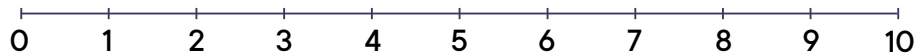


Hajde da oduzimamo na brojevu pravu! Nacrtaj i upiši!

$$9 - 2 = \square$$



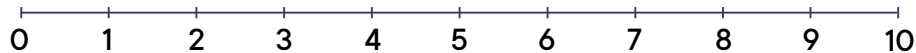
$$8 - 3 = \square$$



$$10 - 7 = \square$$



$$9 - 5 = \square$$



PRIČE SA SABIRANJEM BROJEVA DO 10

U  ima 6  .  je donio još 3. Koliko ukupno  ima u  ?

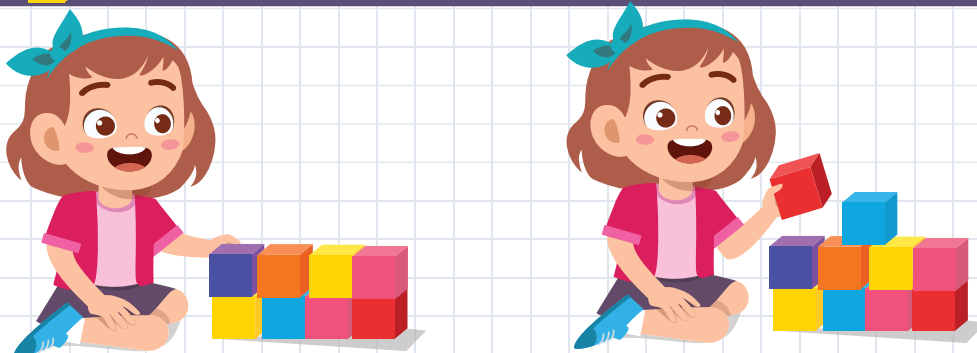


$$\boxed{6} + \boxed{3} = \boxed{9}$$



1.

Kaja je već poređala osam  . Dodala je još dvije  . Koliko je poređala?

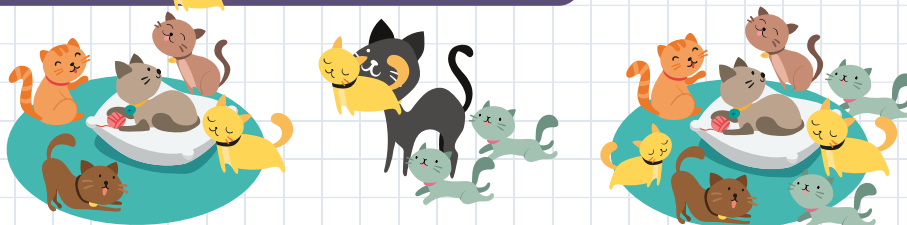


$$\boxed{} + \boxed{} = \boxed{}$$



2.

U domu je bilo 5 malih  je donijela još 3  . Koliko je malih  sada?



$$\boxed{} + \boxed{} = \boxed{}$$

PRIČE SA ODUZIMANJEM DO 10

Na  je bilo sedam . Četri  su odljele. Koliko  je ostalo na  ?



7

-

4

=

3



1.

Bilo je 8
je ostalo?



na tanjiru. Marko je uzeo 3



. Koliko



-



=



2.



je imao 6 . Pojeo je 2 .

Koliko  je ostalo  ?



-



=

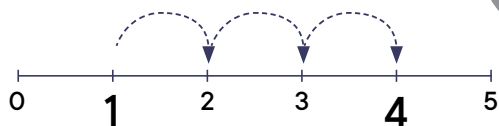


DOBROJAVAMO JOŠ KOLIKO DO...

Jedan! Još koliko do 4? Koliko puta će Sofija skočiti od 1 do 4?

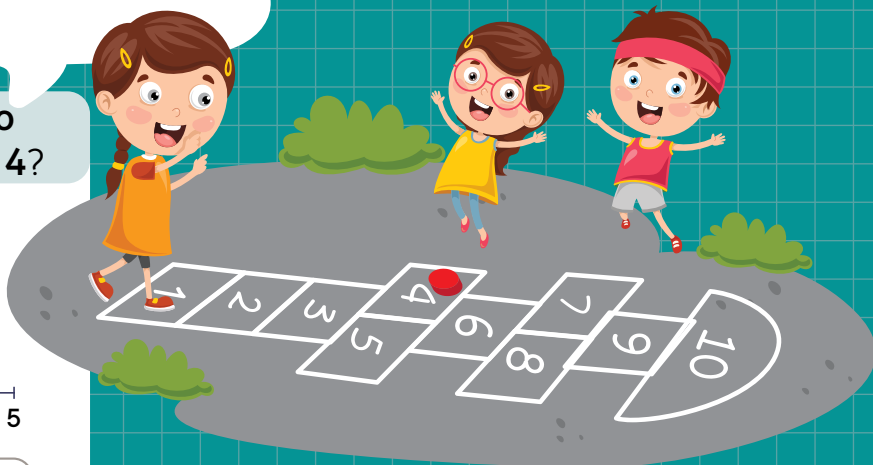
$$1 + \boxed{} = \boxed{4}$$

dva, tri, četiri



Još 3 skoka!

$$1 + \boxed{3} = \boxed{4}$$



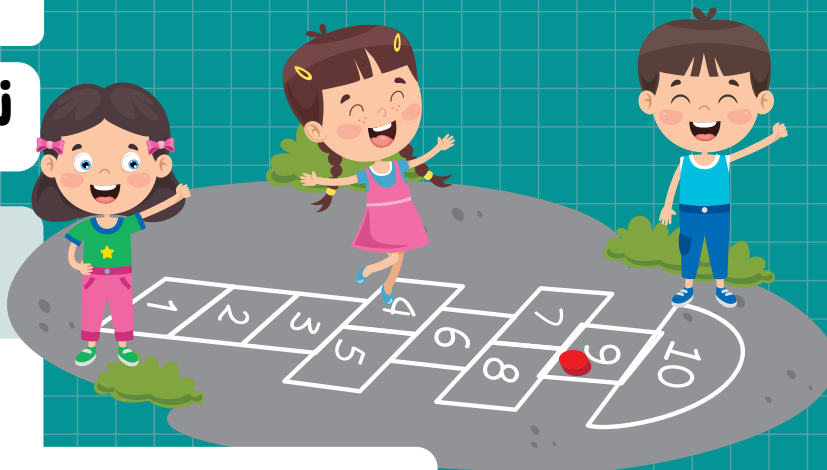
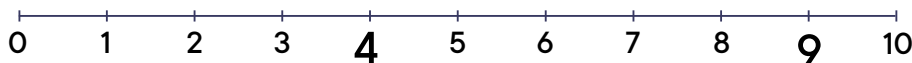
1.



**Доброј, нацртај
и запиши!**

Četiri! Još koliko do 9?
Još koliko puta će skočiti Emina?
Pet, šest, sedam, osam, devet!

$$4 + \boxed{} = \boxed{9}$$



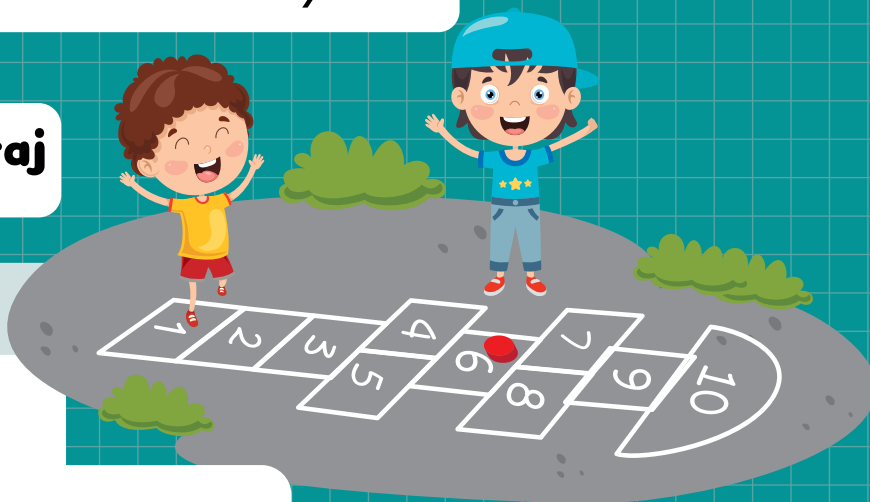
2.



**Доброј, нацртај
и упиши.**

Jedan! Još koliko do 6?
Martin skače i broji: 2, 3, 4, 5, 6!

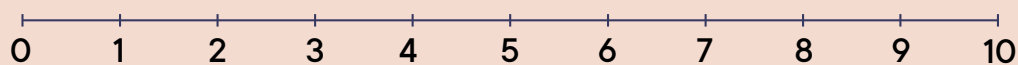
$$1 + \boxed{} = \boxed{6}$$





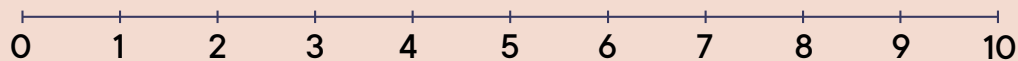
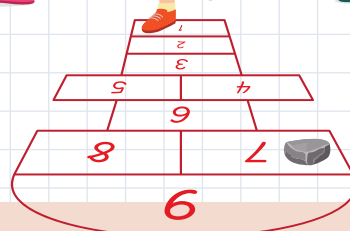
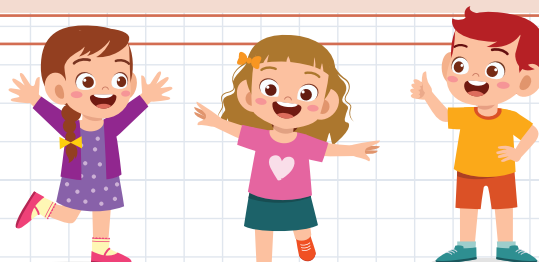
Filipa je sada na polje broj 2.
je na polje broj 10.
Koliko skoka ima od 2 do 10?

$$2 + \square = 10$$



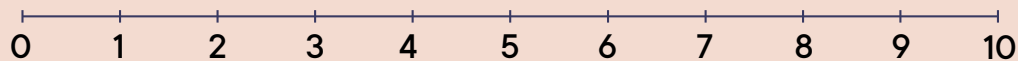
Sara je na polje broj 1.
je na polje broj 7.
Koliko skoka ima od 1 do 7?

$$1 + \square = 7$$



Nikola skače: 1, 2, 3.
Još koliko do 10?

$$3 + \square = 10$$



1.



Izbroj, pokaži crticama i
upiši broj!

NOVOGODIŠNJA PRICA



2.



Izbroj 3D-oblike u



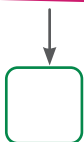
i upiši!



Kojeg 3D-obika ima
najviše? **Zaokruži** ga!



Kojeg 3D-obika ima
najmanje? **Precrtaj** ga!

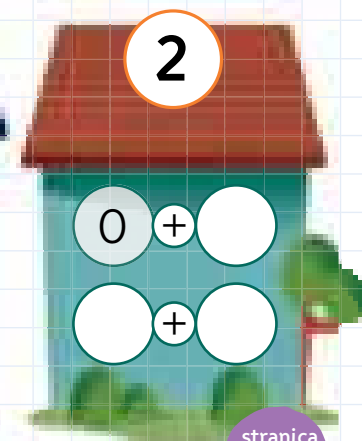
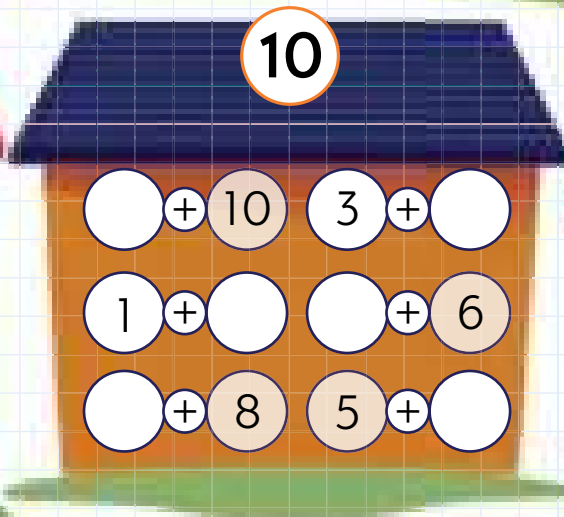
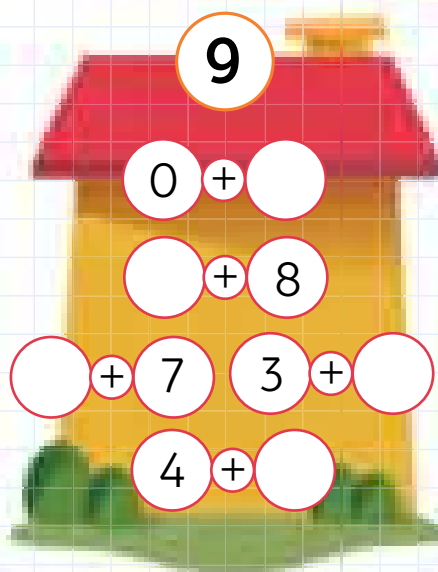
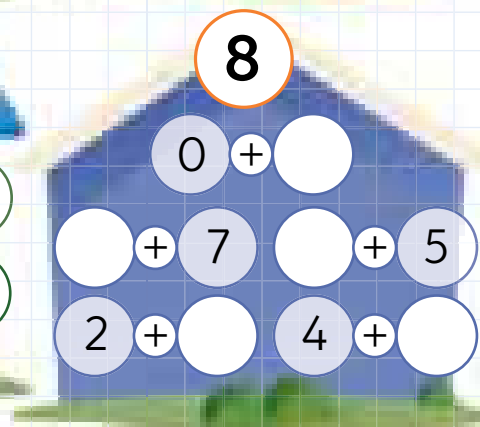
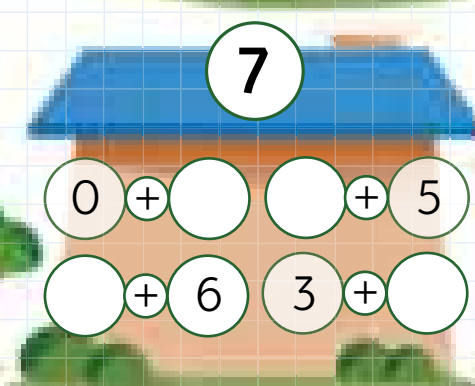
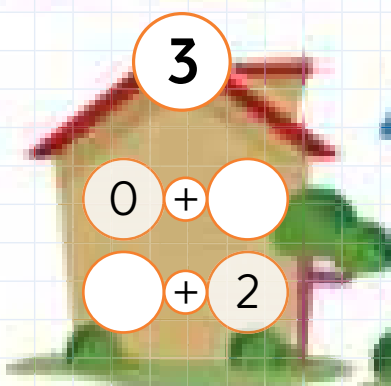
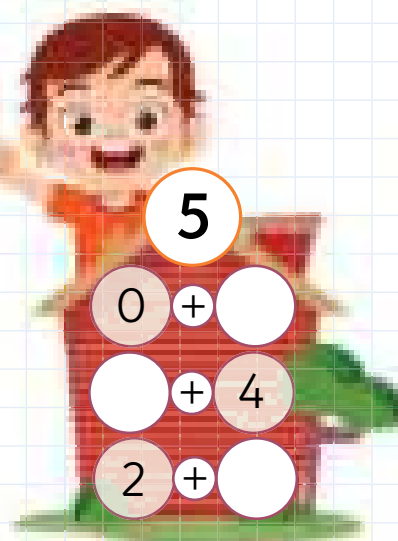
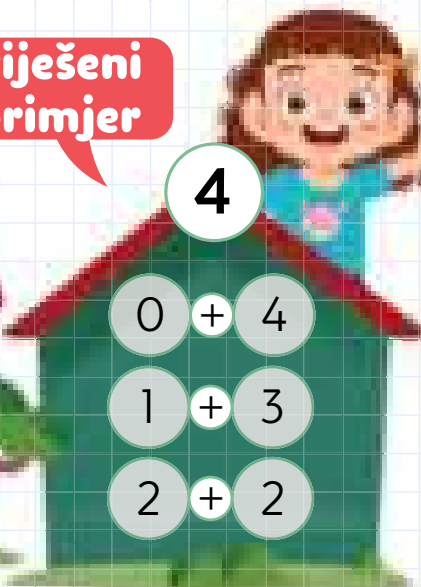
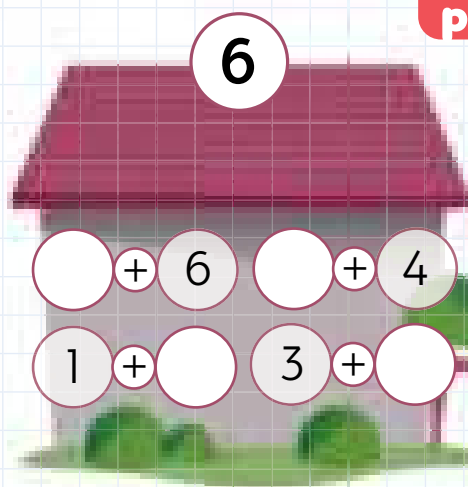


PAROVI BROJEVA ČIJI ZBIR JE...



Damjan i Kaja imenuju **parove brojeva čiji zbir je broj** upisan na krovu kućice. **Upiši** parove brojeva!

Riješeni
primjer



SABIRAMO RAZLIČITIM REDOSLIJEDOM

Od kuće do škole i nazad! Azra živi u .

Pored koliko  i  prolazi Azra na putu od  do  ?

Da li je broj kuća i zgrada različiti kada hoda nazad istim putem?

Upiši!




 $\rightarrow$
 $\begin{matrix} \text{tall building} \\ 2 \end{matrix} + \begin{matrix} \text{house} \\ 3 \end{matrix} = 5$


 $\begin{matrix} \text{house} \\ 3 \end{matrix} + \begin{matrix} \text{tall building} \\ 2 \end{matrix} = 5$
 $\leftarrow$


$\begin{matrix} \text{tall building} \\ 2 \end{matrix} + \begin{matrix} \text{house} \\ 3 \end{matrix} = \square$
 $\begin{matrix} \text{house} \\ 3 \end{matrix} + \begin{matrix} \text{tall building} \\ 2 \end{matrix} = \square$

1.



Skijanje i vučenje. Luka voli skijanje, a Ida sankanje.

Ida prolazi **naviše** pored

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

Luka prolazi **naniže** pored

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

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

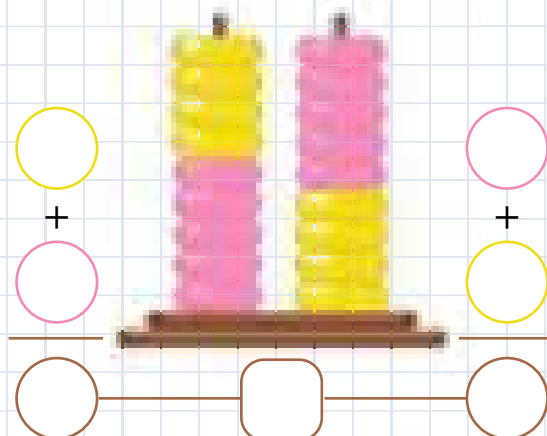
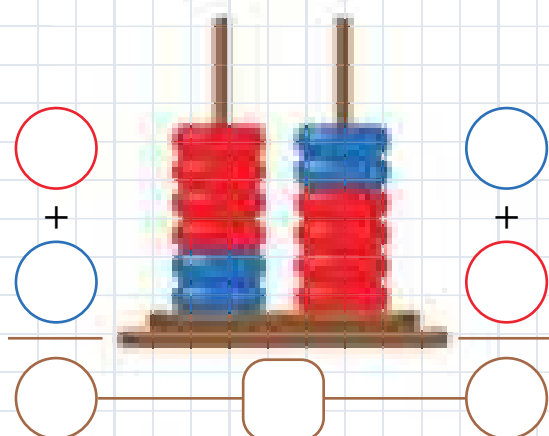


2.



Izračunaj, upiši i uporedi!

U

upiši $<$, $>$ ili $=$!

3.



Pomozi Juliji



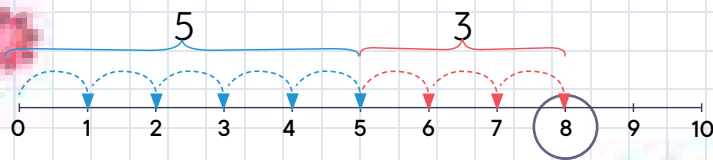
i Kaltrini



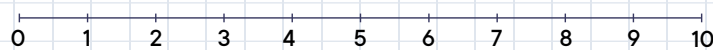
u vrtu!

Nacrtaj, upiši i uporedi!

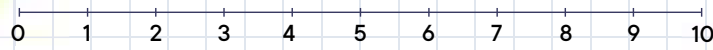
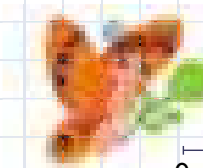
U

upiši $<$, $>$ ili $=$!

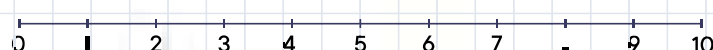
$$5 + 3 = \bigcirc$$



$$3 + 5 = \bigcirc$$



$$1 + 9 = \bigcirc$$



$$9 - 1 = \bigcirc$$

VEZA IZMEĐU SABIRANJA I ODUZIMANJA

Koristi DIO-DIO-CIJELO!

Riješeni primjer!

DIO

DIO

CIJELO

$$4 + 3 = 7$$

$$7 - 4 = 3$$

$$7 - 3 = 4$$

$$5 + 3 = 8$$

$$8 - 5 = 3$$

$$8 - 3 = 5$$

1. Izbroj i upiši!

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

$$\square - \square = \square$$

$$\square - \square = \square$$

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

$$\square - \square = \square$$

$$\square - \square = \square$$

2. Nacrtaj, izbroj i upiši!

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

$$\square - \square = \square$$

$$\square - \square = \square$$

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

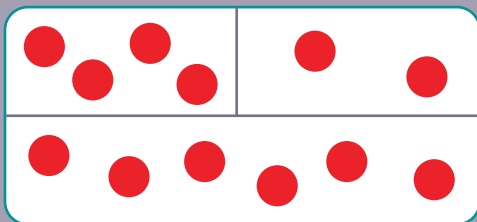
$$\square - \square = \square$$

$$\square - \square = \square$$

3.



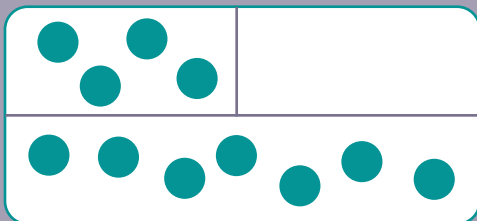
Docrtaj i upiši
da bi bilo tačno!



$$4 + \square = 6$$

$$6 - 4 = \square$$

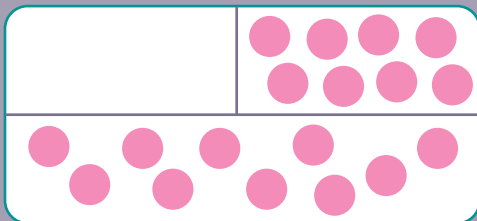
$$6 - \square = 4$$



$$4 + \square = \square$$

$$\square - 4 = \square$$

$$\square - \square = 4$$



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

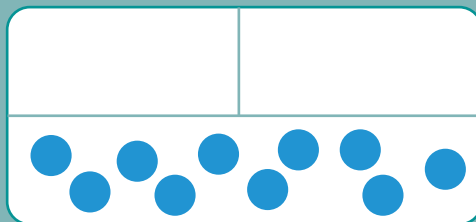
$$\square - \square = \square$$

$$\square - \square = \square$$

4.



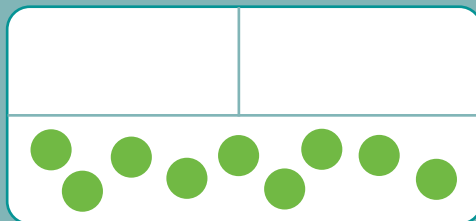
Nacrtaj i upiši
da bi bilo tačno!



$$7 + \square = \square$$

$$10 - \square = \square$$

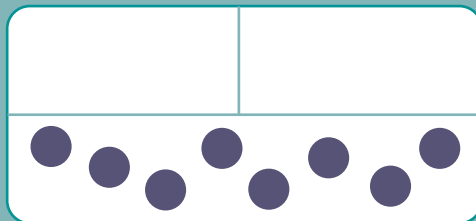
$$\square - \square = \square$$



$$\square + 1 = 9$$

$$\square - \square = \square$$

$$\square - \square = \square$$



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

$$\square - \square = \square$$

$$\square - \square = \square$$

Zdravo! Ja sam Šare,
šarplaninac!

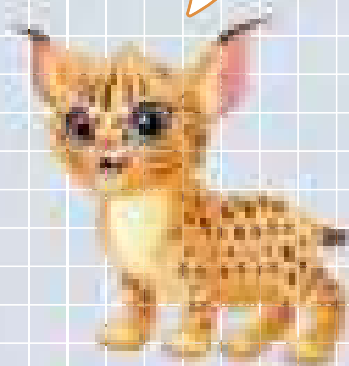


NOVAC GOVORI

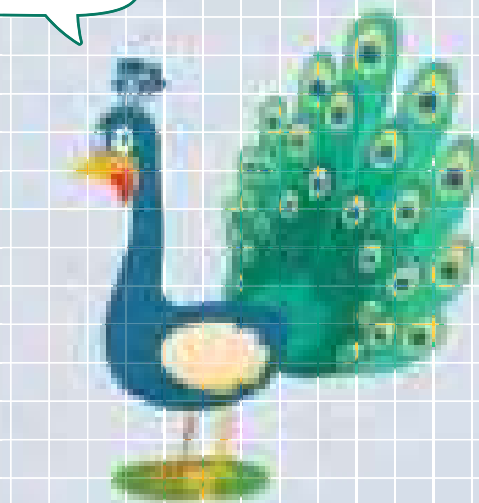
Ja sam Belvica,
ohridska
pastrmka.



Moje ime je Risko,
makedonski ris.



A ja sam Panki,
paun!



**Šta znamo o Šaretu,
Belvici, Risku i o Pankiju?**

Gdje možemo naći **podatke o njima?**

Gdje oni žive?

Čime se hrane? **Da li** ih je **mного?**

Zašto?

Slike Šareta, Belvice, Riska i Pankija su na novcu: **denarima**

MAKEDONSKI DENARI

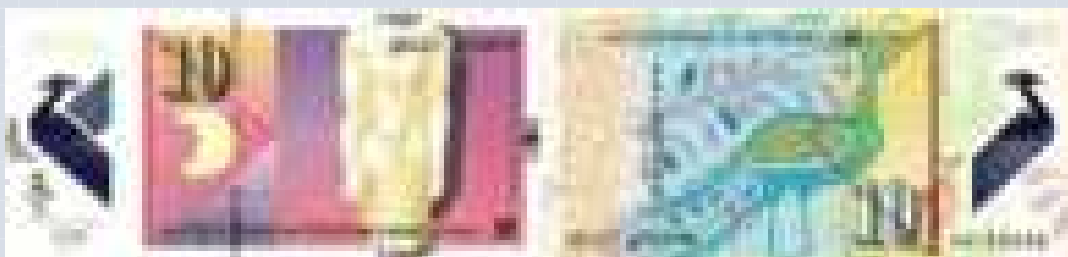
1.

Opiši denare! Kakav **oblik** imaju? Od čega su napravljene? Čija se slika svakog od njih nalazi na zadnju stranu?

MONETE



BANKNOTA



2.

Zaokruži!

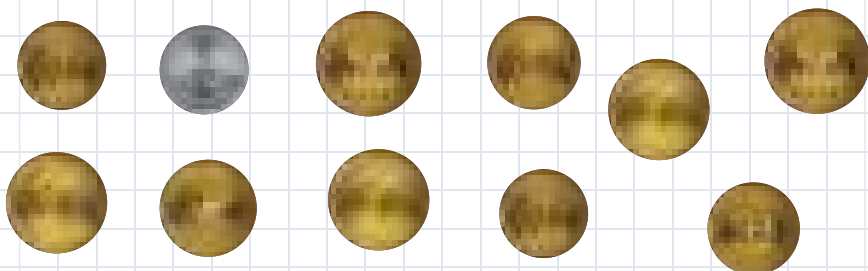
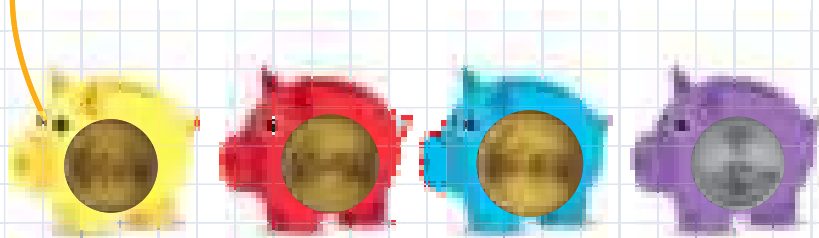
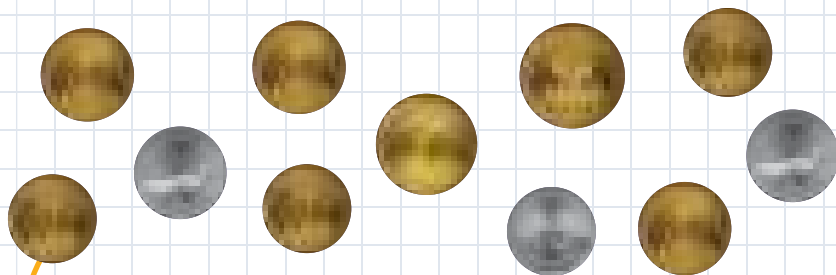




3.

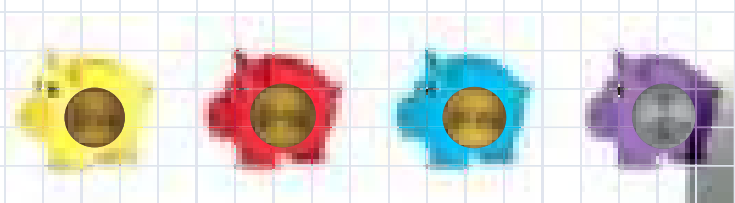
Pomozi Pavlu da svaku monetu stavi u tačnu kasicu!

Poveži!



B

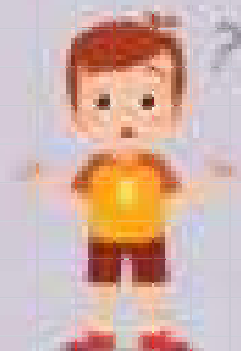
U koju kasicu ima **najviše** moneta? **Zaokruži!**



r Za **koliko** više moneta ima u  od  ?



$$\square - \square = \square$$



A

Izbroj koliko moneta si povezao/la sa svakom kasicom!

B

Oboj isto toliko kvadratića koliko ima moneta u njoj!



10

9

8

7

6

5

4

3

2

1



Provjeri odgovor brojanjem  i  na dijagramu!

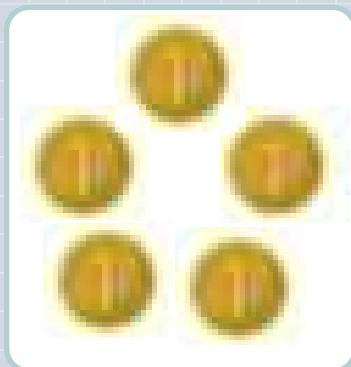
VRIJEDNOST MONETA

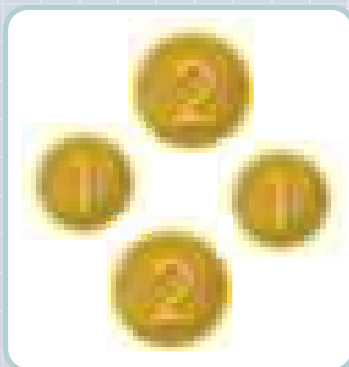


1.



Izbroj, saberi i upiši koliko ima denara!







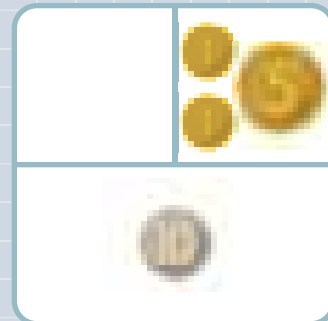
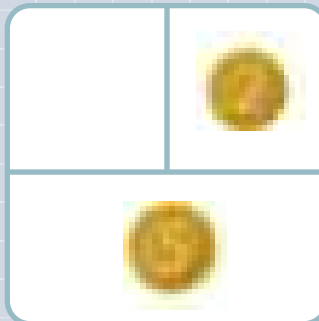
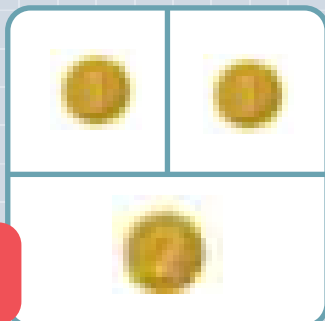
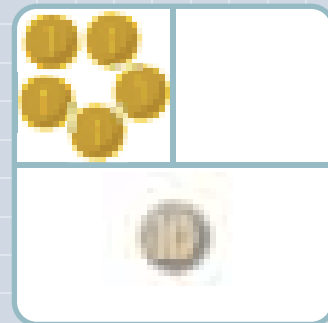
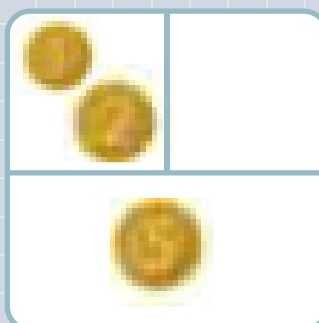
2.



Još koliko do 2, 5 ili 10 denara? Izbroj i docrtaj!



Koristi Dio-dio-cijelo i Dodatak – monete i banknote!



Riješeni primjer

ŠKOLSKI BAZAR

Prvačići prodaju svoje radove zajedno sa svojim nastavnicama.



Koristi Dodatak
– monete i banknote!

1.

Arta je kupila . Ona je platila sa . Koliko su joj denara vratili? **Izračunaj i upiši!**

$$\square - \square = \square$$

2.

Kalin ima , i . Želi da kupi . S kojim će monetama platiti? Koliko će mu denara ostati? **Precrtaj i upiši!**



$$7 = \square + \square$$

$$5 + 2 + 2 = \square$$

$$\square - \square = \square$$

3.

Dina želi kupiti . Ona ima i . Da li ima dovoljno novca? Zašto? **Izračunaj i upiši!**

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

$$9 - \square = \square$$



4.

Kojim **monetama** se može tačno platiti? **Nacrtaj i upiši!**



$$7 = 5 + 2$$



$$7 = 1 + 1 + 1 + 1 + 1 + 1 + 1$$

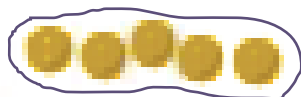


$$7 = 5 + 1 + 1$$



$$7 = 2 + 2 + 2 + 1$$

U svesci **nacrtaj i dopiši i druge** načine ako se na njih sjetiš!



$$5 = 1 + 1 + 1 + 1 + 1$$



$$8 = 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1$$



$$10 = 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1$$

PARNI I NEPARNI BROJEVI DO 10

Nastavnica Vale traži da se učenici poredaju **u koloni po dvoje**.



Zašto se ne mogu svi učenici poredati u koloni **po 2** učenika?
Da li će moći ako su za 1 više ili za 1 manje učenika?



1.

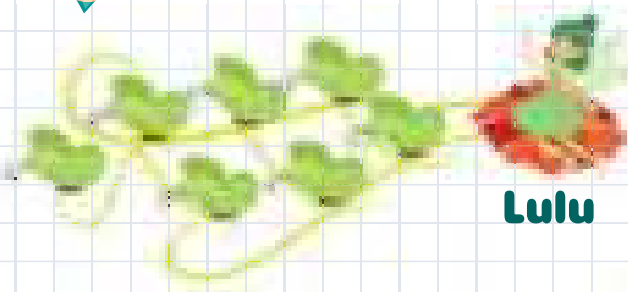
Koliko



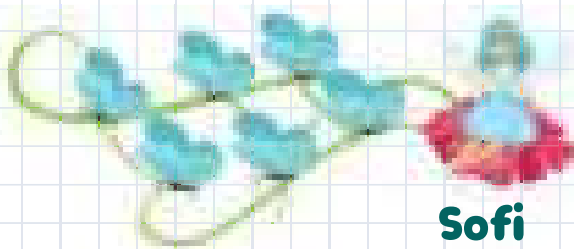
vuku



vilinih princeza Sofije i Lulu?



Lulu



Sofi

Kako su upregnuti  ? **Da li je svaki**  **u paru?**



na



vuku



je **parni broj**



na



vuku

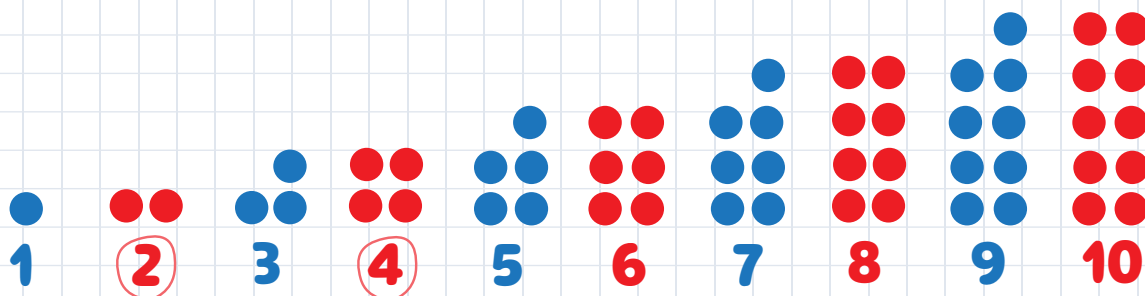


je **neparni broj.**



2.

Parni ili neparni broj? Zaokruži parne brojeve!



Kako se ređaju **parni i neparni brojevi** na **brojevnu pravu**?



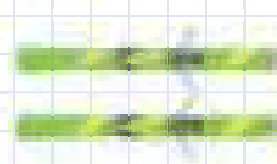
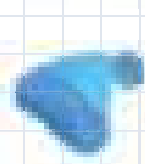
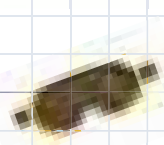
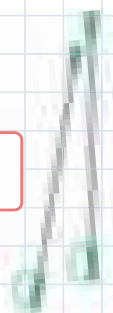
3.

Katja gleda  sa zimskog raspusta sa tatom, mamom, Gorjanom i Abom.

Šta na slici ima **parni broj**? Izbroj, upiši i zaokruži!



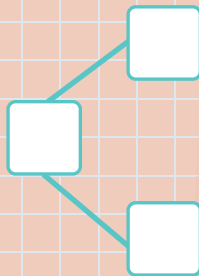
10



UDVOJAVAMO I PREPOLOVLJAVAMO DO 10

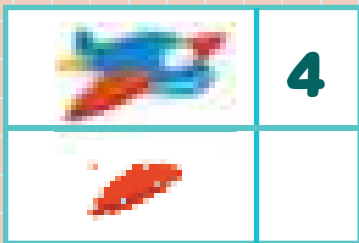
1.

Svaka
dolazi u **paru!**
Izbroj i udvoji!
Docrtaj!



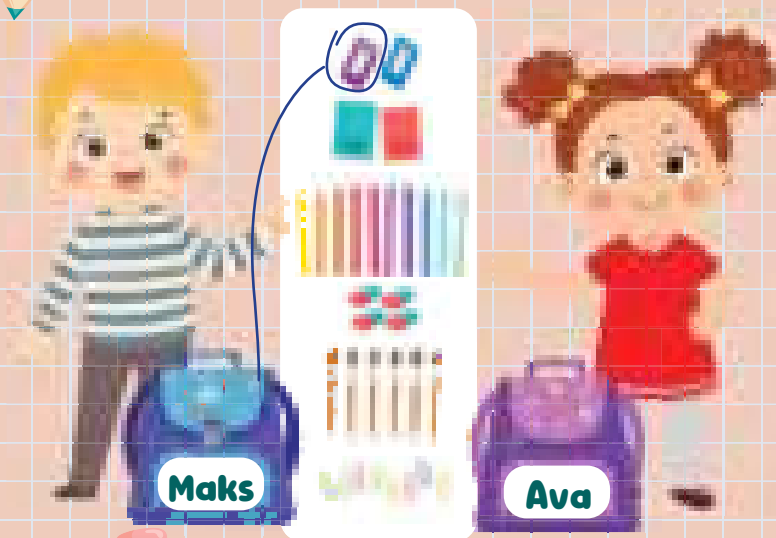
2.

Svakom trebaju par . **Izbroj i udvoji! Docrtaj!**



3.

Podijeli pribor Avi i Maksu pravedno!
Prepolovi, poveži i upiši!



Zajedno imamo		
	2	1

4.

Udvoji!

0	1		3		5
0	2	4		8	

Prepolovi!

TABELA



Kako su djeca poređana?

U kolonu.



Kolona je ređanje
jedan iza drugog.

U vrstu.



Vrsta je ređanje
jedan pored drugog.

Vrsta ili kolona? Zašto?

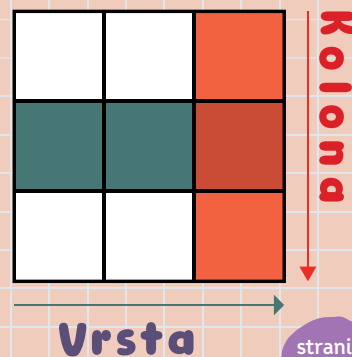


Vrsta



Kolona

Kada se može kazati **ko je prvi?**



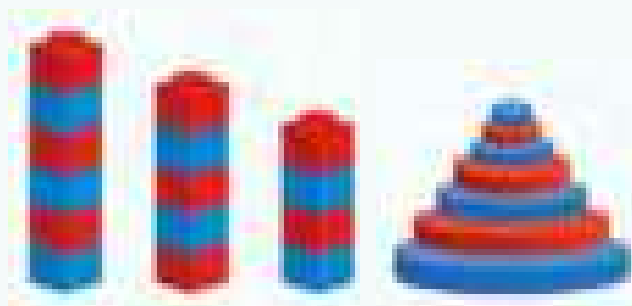


1. Po kojem pravilu treba popuniti tabele? Dopuni!



BOJA	BROJ
	4

Prema boji !



	14	9
		3

Prema
i
prema !



2.

U



nema niti niti .

Nacrtaj i oboji prema tabeli!

	0	2	6
	3	0	1

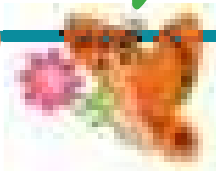


BROJEVI DO 30 I BROJANJE DO 100

Brojimo unazad
od 20 do 0.

Učimo da brojimo
od 1 do 100.

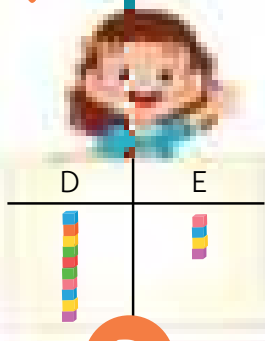
2



1



Zapisujemo
brojeve do 20.



3

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Upoređujemo
brojeve do 30.

4



Parni i neparni
brojevi do 20.

5



HAJDE DA BROJIMO ZAJEDNO!

JEDAN puž,
DVIJE gusenice,
TRI leptira...

Ja ću brojati s kraja ka
naprijed: DVADESET
mrava, DEVETNAEST
plavih bubamara...

Da li ih neki matematički junak može **izbrojati sve zajedno?**

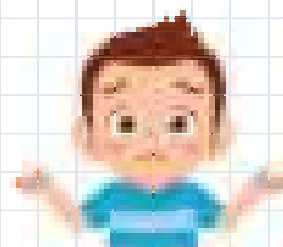
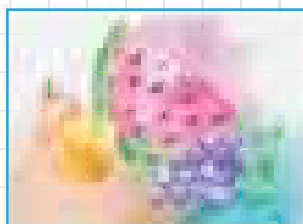
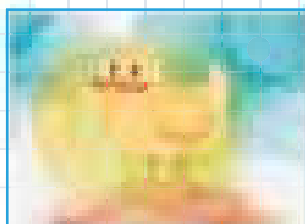
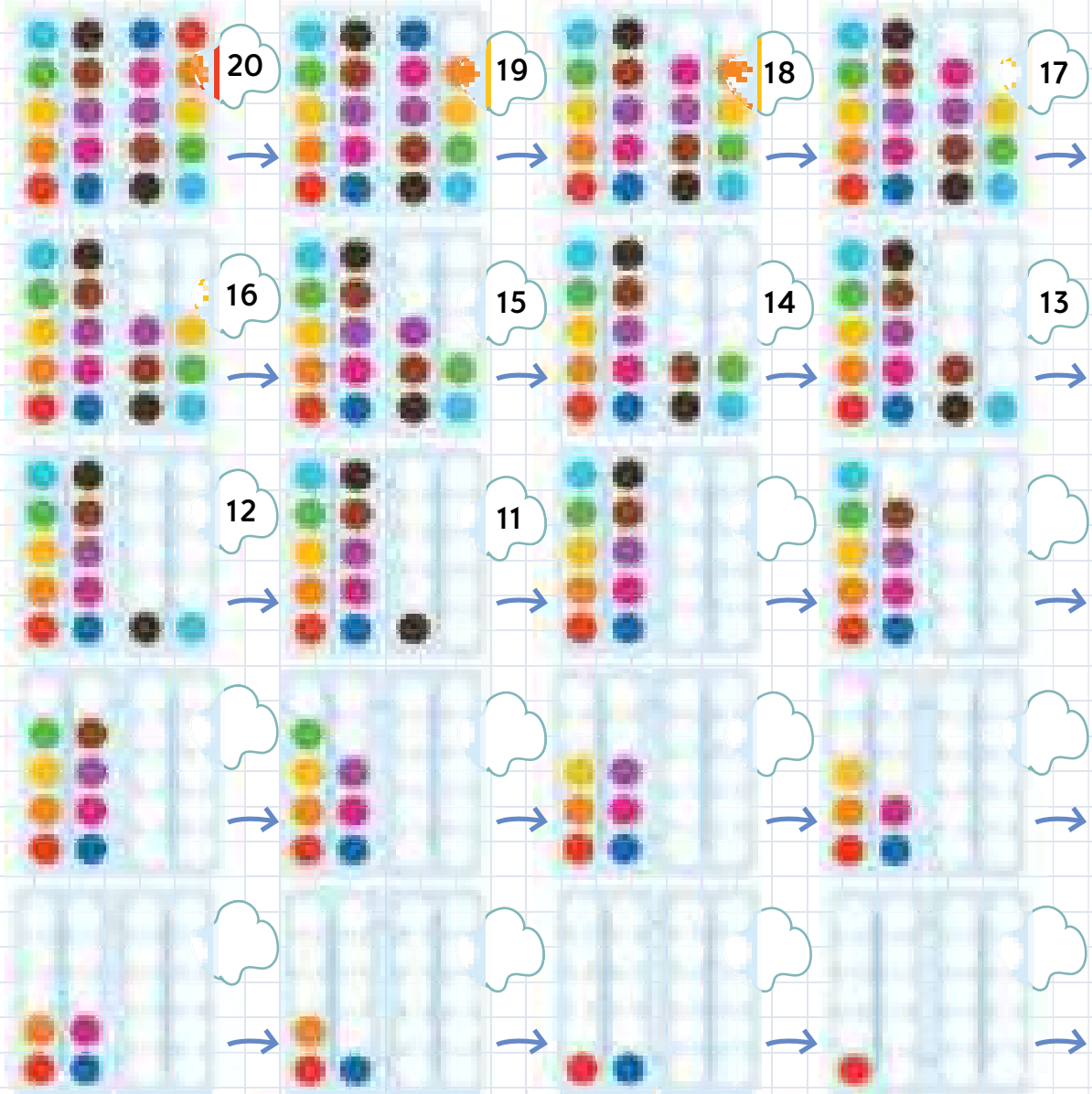
BROJIMO UNAZAD OD 20 DO 0

1.



Koliko je bojica ostalo Angelu? Najprije je on imao **20** bojica. Trošio je jednu po jednu i ostajale su mu:

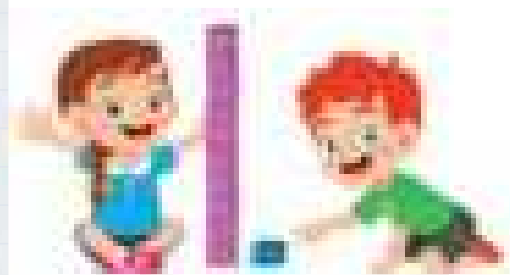
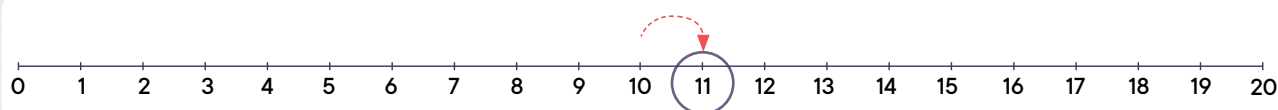
Devetnaest, osamnaest...



BROJEVI IZ DRUGE DESETICE



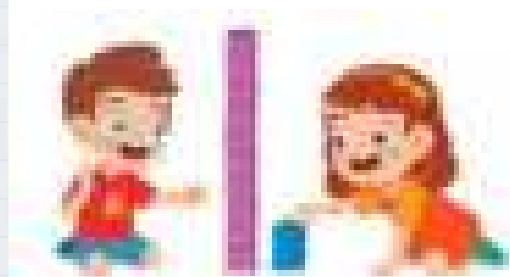
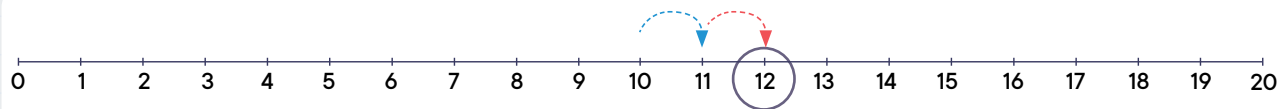
Upiši!



JEDANAEST

11

	11	11	11		



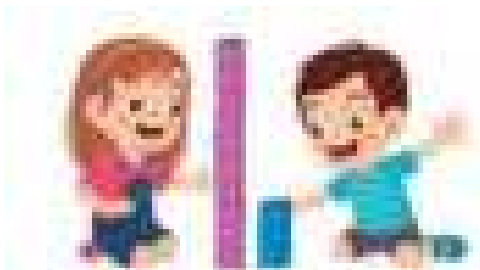
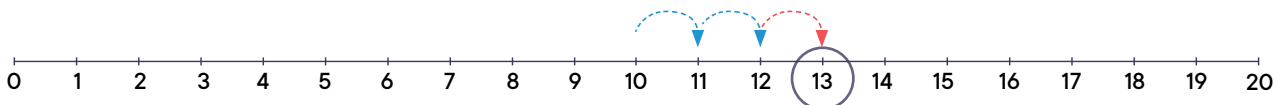
DVANAEST

12

	12	12	12		



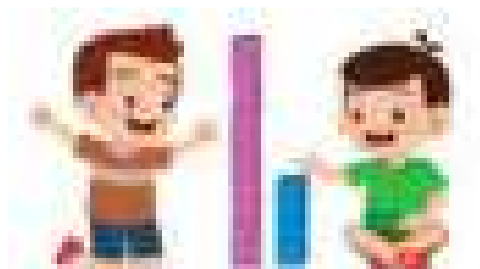
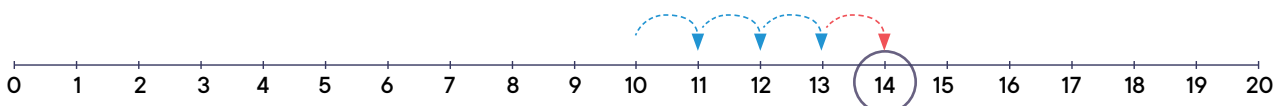
Nastavljamo sa :
13, 14, 15.



TRINAEST

13

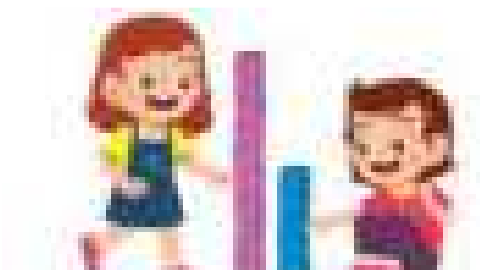
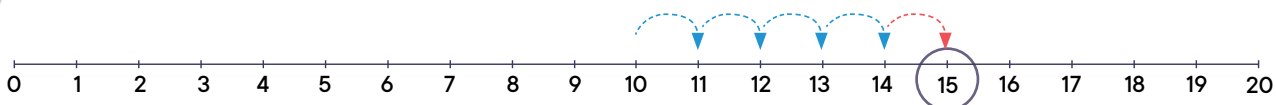
	13	13	13		



CETRNAEST

14

	14	14	14		

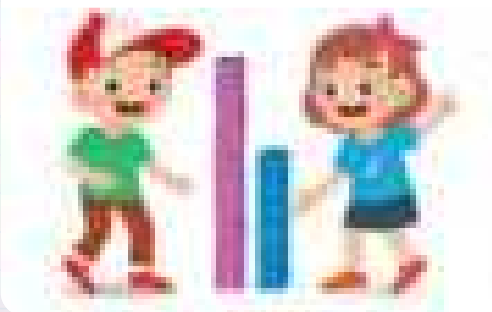
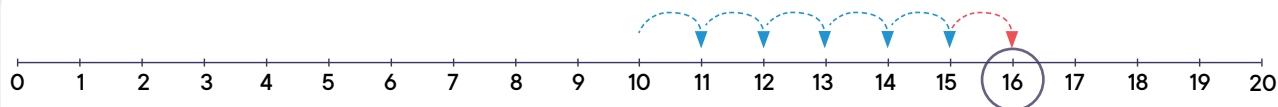


PETNAEST

15

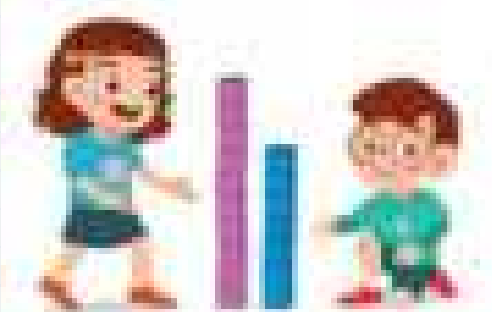
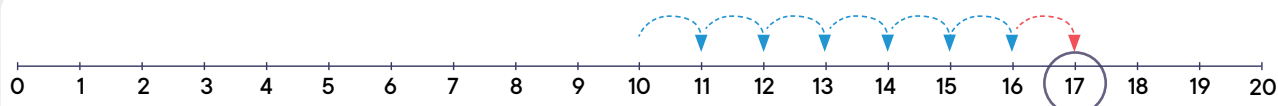
	15	15	15		

Nastavljamo sa :
16, 17, 18.



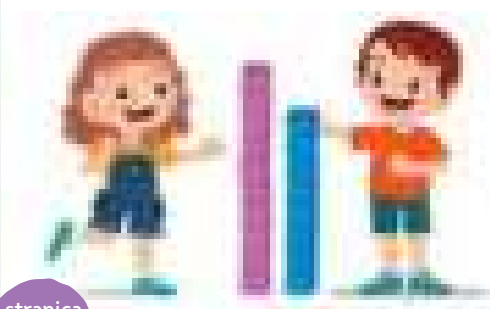
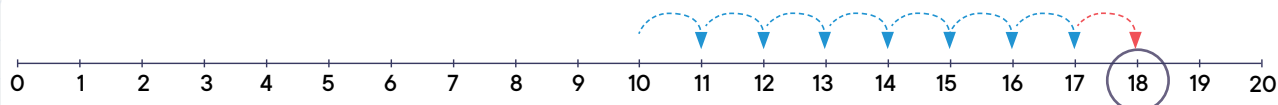
SHESNAEST 16

	16	16	16		



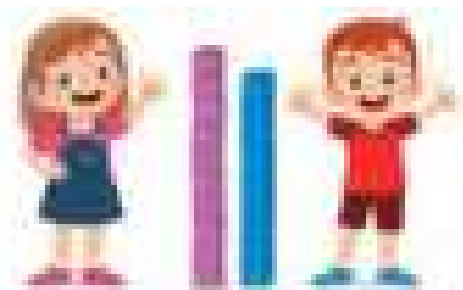
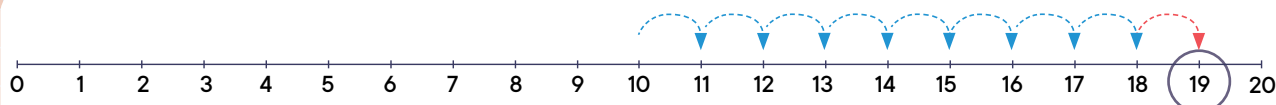
SEDAMNAEST 17

	17	17	17		



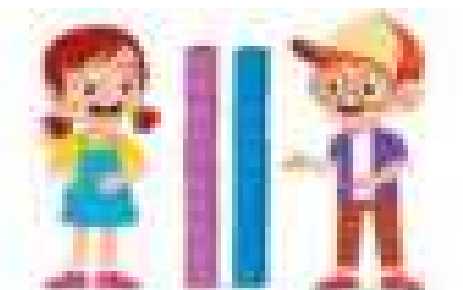
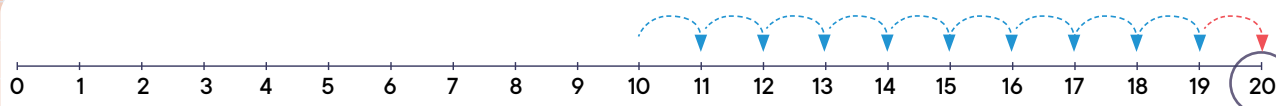
OSAMNAEST 18

	18	18	18		



DEVETNAEST 19

	19	19	19		



DVADESET 20

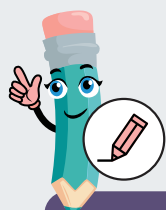
	20	20	20		

Brojevi iz **prve desetice** su: 1, 2, 3, 4, 5, 6, 7, 8, 9 i 10.

Brojevi iz **druge desetice** su: 11, 12, 13, 14, 15, 16, 17, 18, 19 i 20.

1.

Koji nam se broj krije? **Zamijeni** svaku sličicu s brojem koji nam se krije!



Upiši!

1	2	3		5			8		
11			14		16	17		19	20

PROCIJENJUJEMO I BROJIMO DO 20

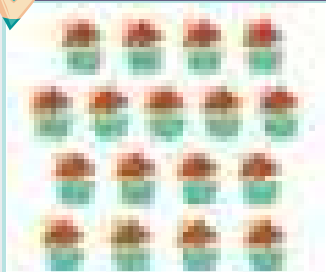
1.



Izbroj i oboji



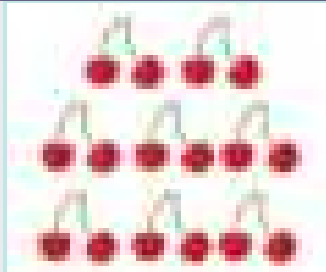
tačnim brojem!



18

19

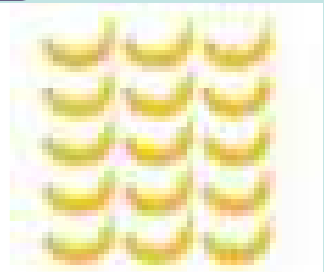
17



16

18

20



13

14

15

2.

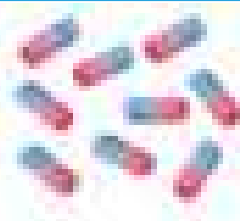


Docrtaj da bude tačno!

18



15

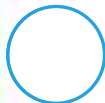


3.



Koliko ima? **Procijeni i upiši** u !

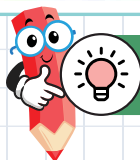
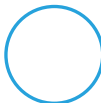
Poslije **izbroj i upiši** u !



Procijenio!

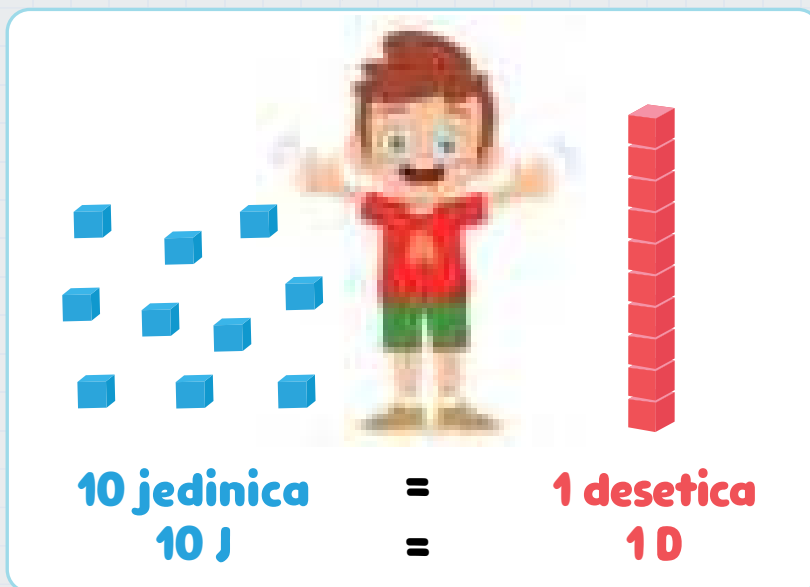
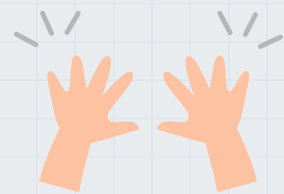


Izbrojao!



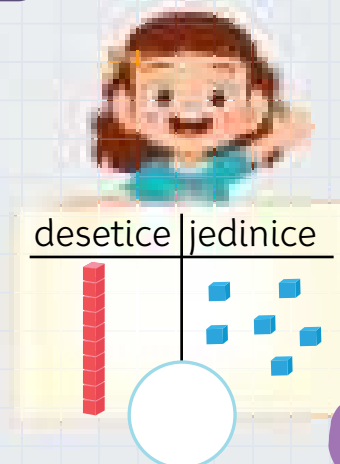
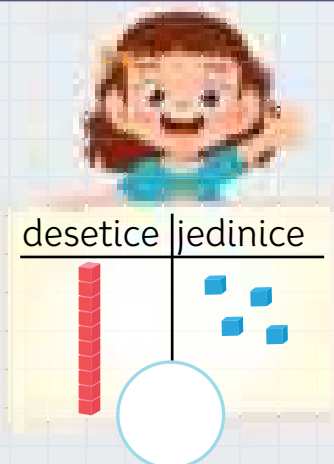
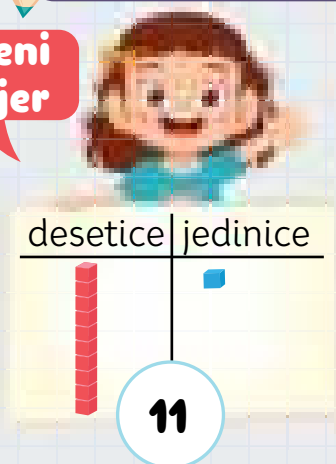
Kada je lakše da se napravi dobra procjena?

RAZLAŽEMO BROJEVE DO 20 NA DESETICE I JEDINICE



Upiši broj koji je razložen na desetice i jedinice na Evinom posteru!

Riješeni primjer



2.



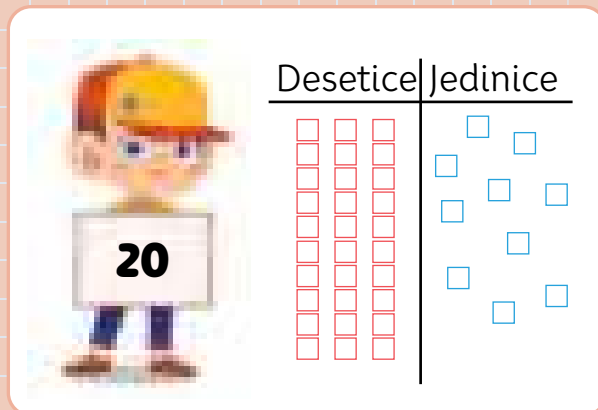
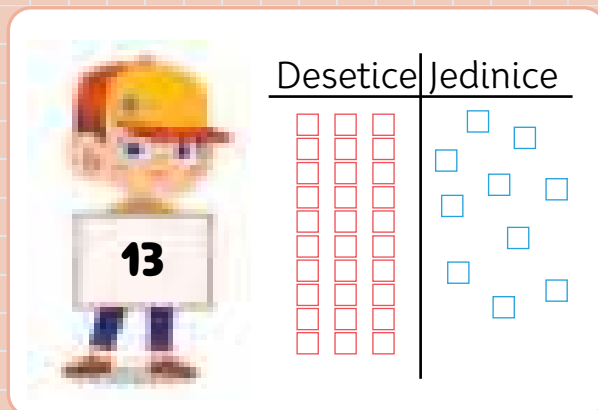
Oboji kvadratić tačnim brojem!



3.

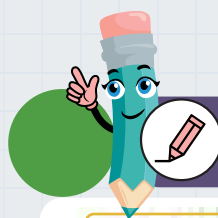
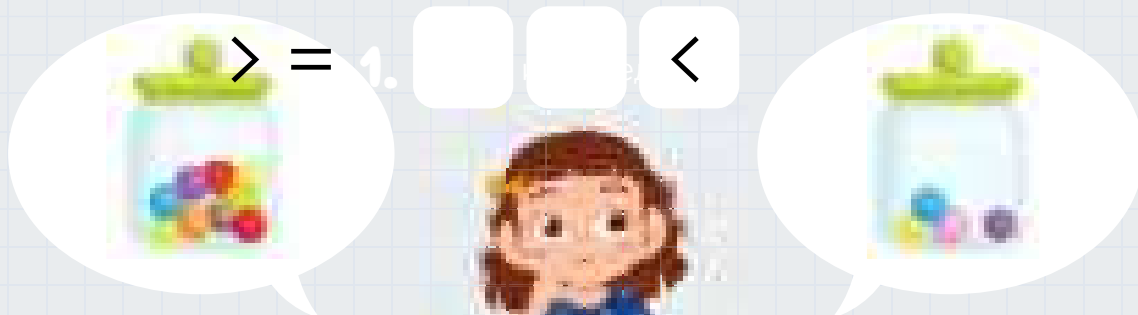


Prikaži broj razložen na desetice i jedinice! **Oboji!**



Da li ste svi obojili isto?

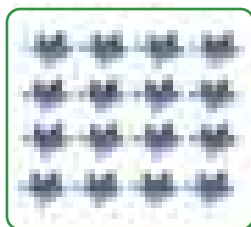
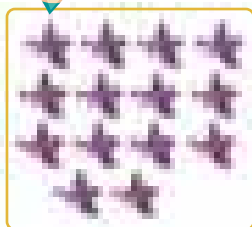
UPOREĐUJEMO BROJEVE DO 20

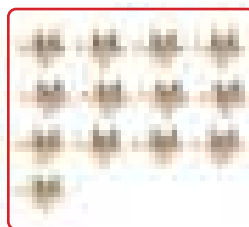


Izbroji i uporedi!

Upiši

> < ili = !







2.

Izbroji i uporedi!

Upiši <, =, > ili broj da bi bilo tačno!

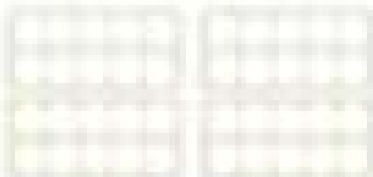
Riješeni primjer



12

<

14



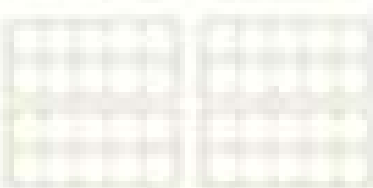
19

15



18

>



=

17

PARNI I NEPARNI BROJEVI DO 20

1.  Koliko je djece i koliko mjesta ima na klackalicama? **Izbroj i upiši!**

DECA **SJEDISHTA** Da li ima sjedište za svako dijete?

Da bi se klackali na svaku klackalicu trebaju sjesti po djece.



Da li se mogu klackati sva djeca na klackalicama? **Zašto?**

Broj mjesta na klackalicama je parni broj.

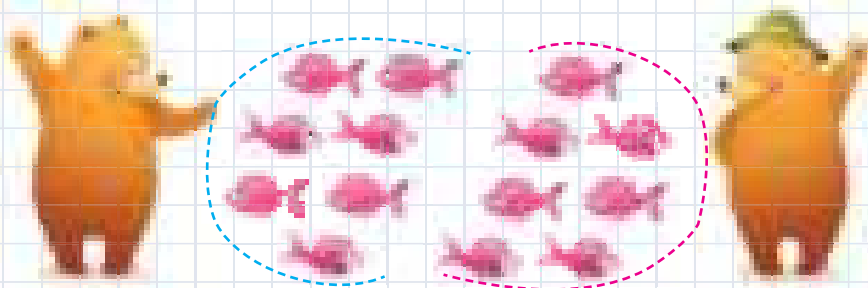
Broj djece na igralištu je neparni broj.

2.  i su lovili zajedno. Vrijeme za deobu!

Koliko su ulovili zajedno? **Izbroj!**

Poveži!

Da li im možeš pomoći da podijele podjednako?



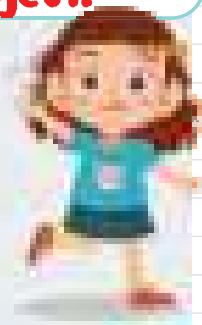
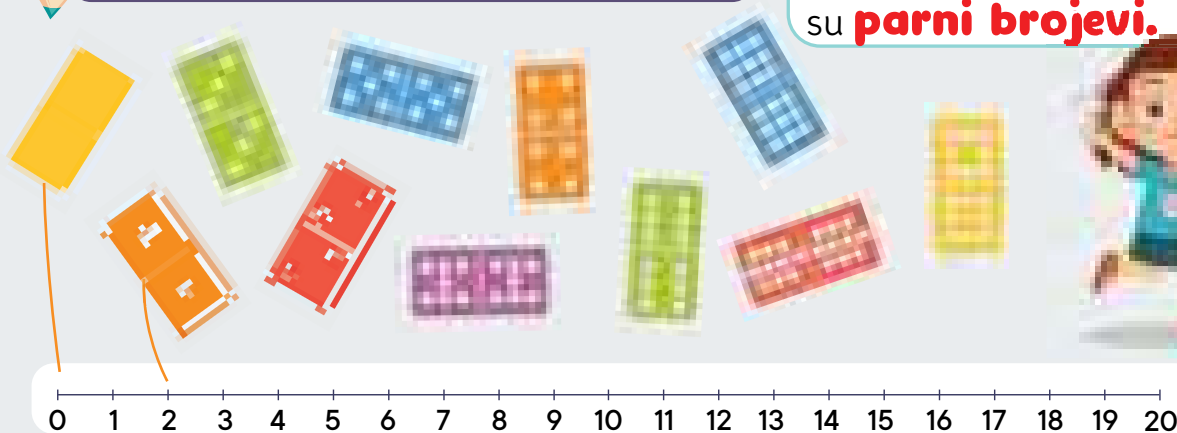
Broj je **parni broj** Svako meće dobija po .

3.



Poveži svaki **parni broj** sa dominom s tim brojem tačaka!

Brojevi koji **su zbir dva jednaka broja** su **parni brojevi**.



4.



Šta ima **parni broj**, a šta **neparni**?
Odgovori bez da ih izbrojiš!



5.



Daj koš!

Poveži svaku loptu sa svojim !



BROJIMO PO 2 DO 20

1.



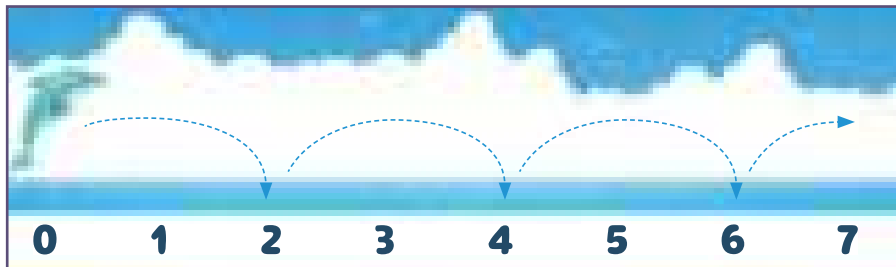
Zaokruži brojeve mjesta na kojima je



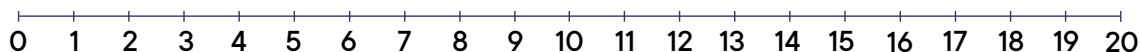
u



!



Nastavi brojati **po 2 do 20!**
Možeš koristiti brojevnu pravu!



2.



Izbroj
Upiši!



na sva



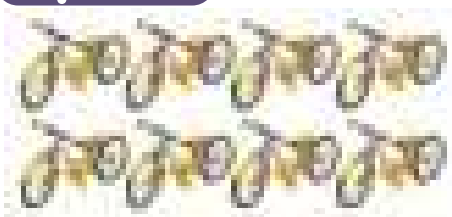
i



na sve



! Broj po 2!



3.



U čijoj kasici ima **najveća ušteda?**

Počni od prve monete i poslije **broj po 2! Upiši!**

Dafina



Gorazd



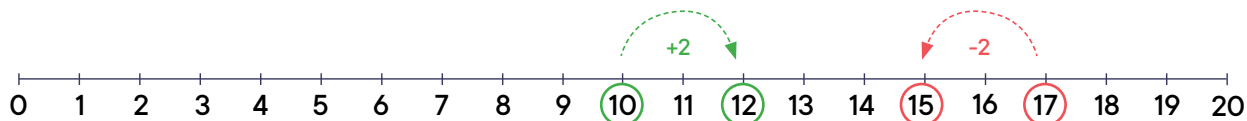
Lejla



BROJ ZA 2 VEĆI ILI ZA 2 MANJI OD DATOG BROJA DO 20

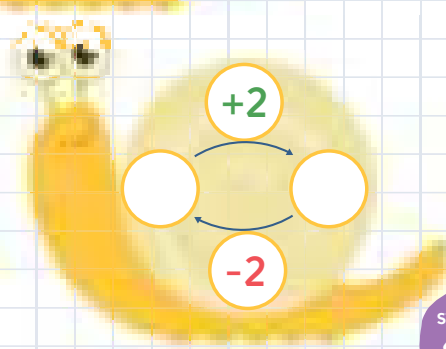
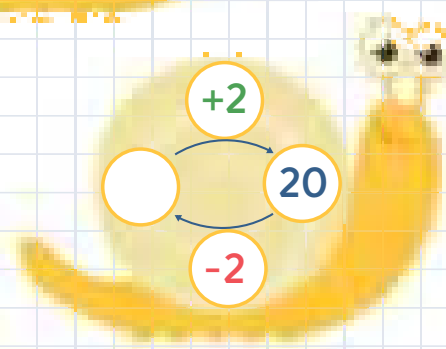
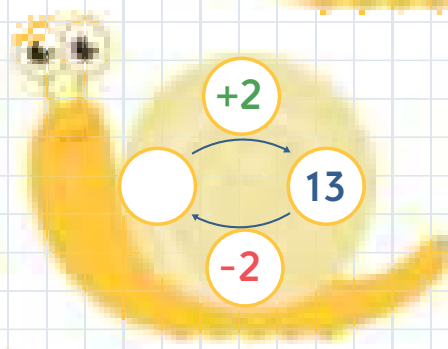
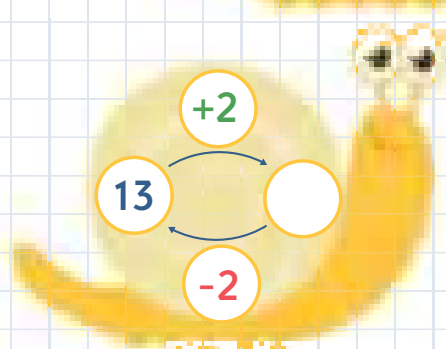
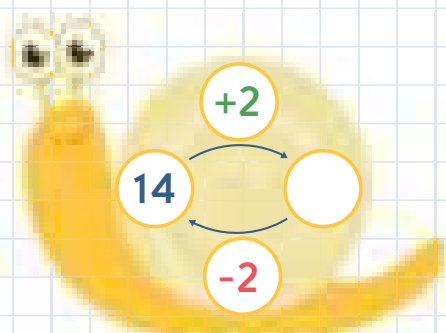
Za 2 veći od
10 je 12

15 je za 2
manji od 17



1. Koji broj je **za 2 veći**, a koji **za 2 manji** od datog broja?
Dopuni da bi bilo tačno!

Riješeni
primjer



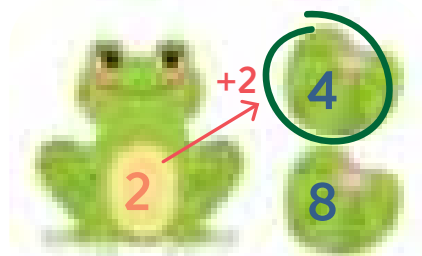
2.



Zaokruži  sa brojem koji je **za 2 veći od broja** upisan na žabu Kre!

KRE-KRE ZA DVA VEĆI ILI ZA DVA MANJI OD BROJA JE...!

Riješeni primjer

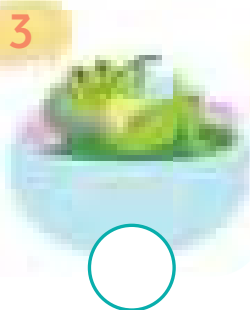
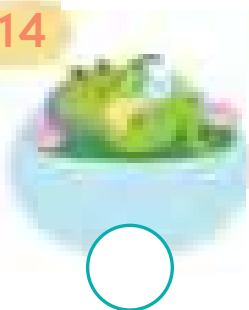
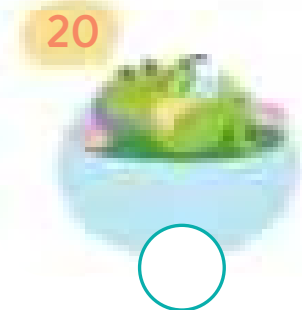
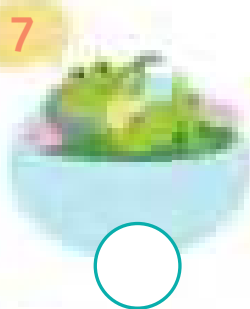
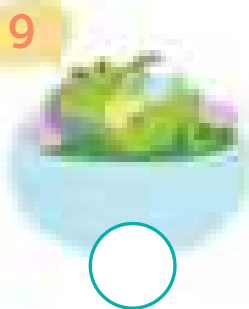


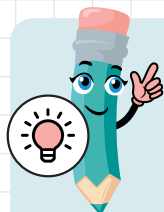
3.



Kre zamišlja broj. Koji broj je **za 2 manji?**
Razmisli i upiši!

Riješeni primjer





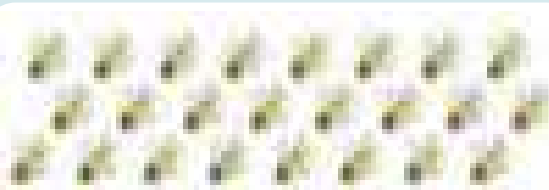
PROCIJENJUJEMO I BROJIMO DO 30

Koji broj je za 1 veći od 20? Da nastavimo brojati: **21, 22, 23...**

Brojeva prava od 0 do 30

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

20



24



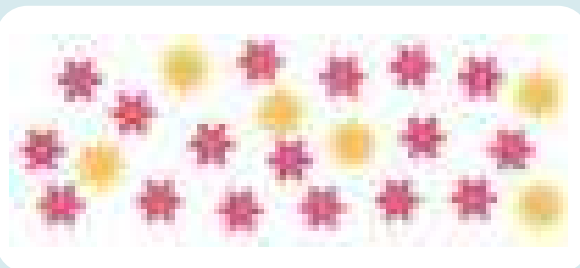
1.



Procijeni i zaokruži u !

Onda izbroj i zaokruži na !

23 19
28 24



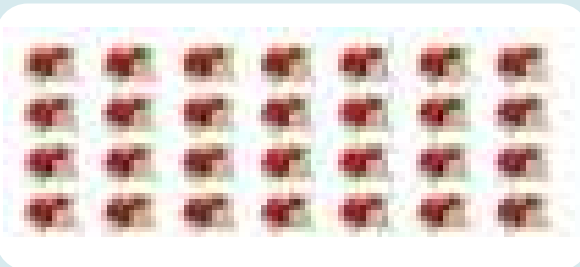
19 28
23

25 28
27 26



25 26
27

27 30
25 28



25 30
28

RAZLAŽEMO BROJEVE DO 30 NA DESETICE I JEDINICE



Riješeni primjer

23

D	J
2	3

D	J



25

30

26

E

E

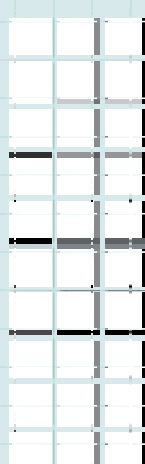
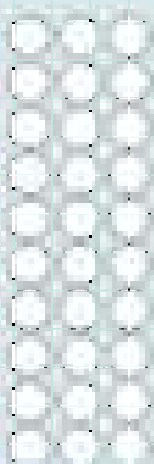
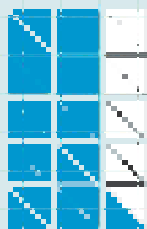
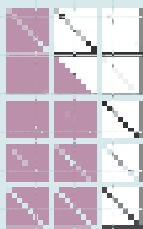
E

1.

Oboji!
Uporedi i
upiši:
<, = ili >!



PODREĐUJEMO BROJEVE DO 30



17 < 21

29 ○ 27

14 ○ 23

28 ○ 28

2.

Timski rad!

Razmisli i upiši

Su mali, ali rade zajedno.

brojeve na  i  u kolonama  !



BROJIMO DO 100

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Izbroj i upiši! Ima



1.

Izbroj u kojima je vidljiv upisani **broj!** Изброј ги !
u kojima nema niti , niti , niti , niti !

Otkrij koji se brojevi kriju u sa , sa i sa !
Ako znaš, **upiši** ih sve od **najmanjeg** do **najvećeg!**

U su:



krije se broj .

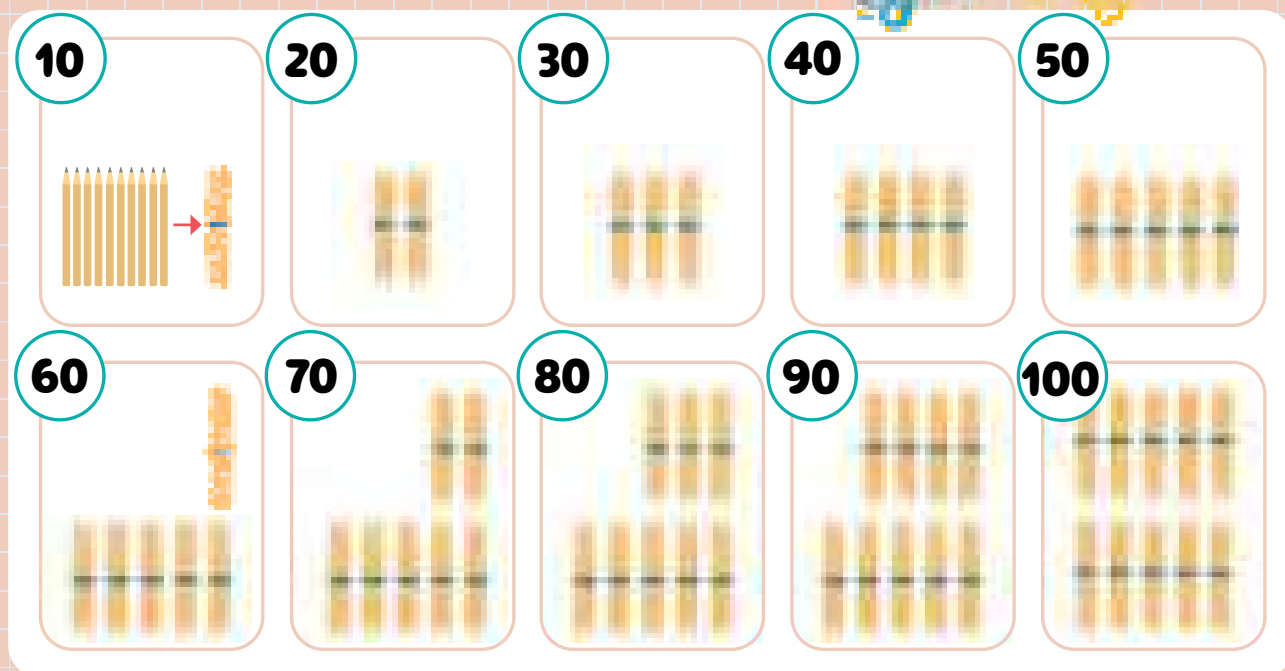


kriju se brojevi:



kriju se brojevi:

BROJANJE PO 10 DO 100



Broj naprijed po 10 do 100! Poslije **Broj naprijed po 10 do 100!**

1.

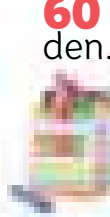


Vlado, Ile i Bisera kupili su zajednički školski pribor. Pomozi im da naplate! **Broj po 10, zaokruži i poveži!**

30
den.



60
den.



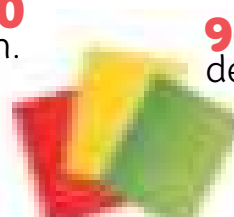
70
den.



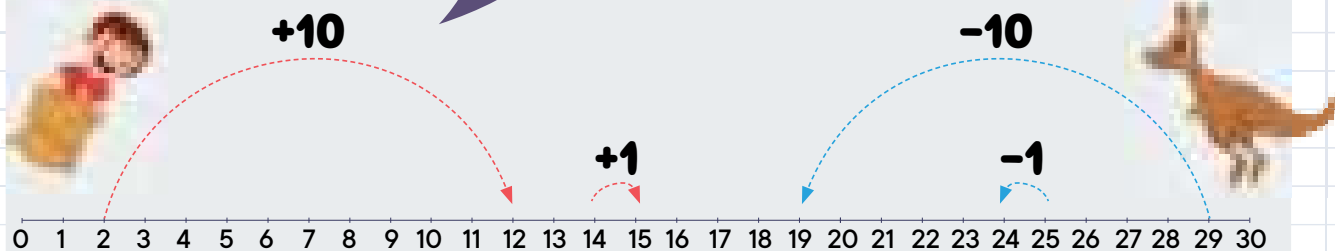
100
den.



90
den.



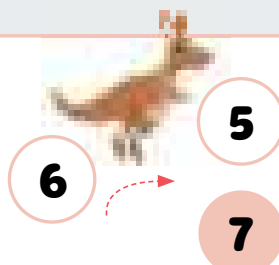
BROJ ZA 10 VEĆI ILI MANJI OD BROJA IZMEĐU 0 I 30



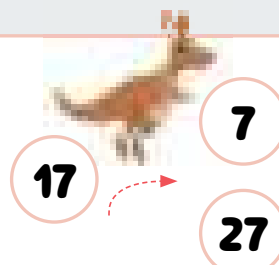
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30

1.

Skoči na tačno
polje i **oboji**
tačni broj!



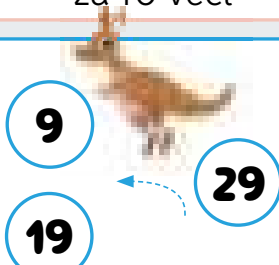
za 1 veći



za 10 veći



za 1 manji



za 10 manji

2.

Koji broj je
za 1 ili za 10
veći ili manji
od broja?
Upiši!



BROJIMO UNAPRIJED I UNAZAD ZA 10 OD BROJA DO 100

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

1.



Broj po 10 unaprijed
i **oboji** polje sa:

- počevši od **broja 11!**
- počevši od **broja 54!**
- počevši od **broja 26!**
- počevši od **broja 7!**
- počevši od **broja 50!**



Ako znaš, **upiši** brojeve iz obojenih polja!

Oboji polja u tabeli!

+10

11	21	31	41	51					
54									
26									
27									
50									

2.



Broj po 10 unazad
i **zaokruži** broj sa:

- počevši od **broja 33!**
- počevši od **broja 54!**
- počevši od **broja 75!**
- počevši od **broja 68!**



Ako znaš, **upiši** nizove brojeva!

-10

33	54	75	68
23			
13			
3			

OPERACIJE SA BROJEVIMA DO 20



1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	

20

Sabiranje i oduzimanje brojeva do 20

2



Sabiranje i oduzimanje brojeva u drugu deseticu

1



Nepoznati broj u sabiranju i oduzimanju

3

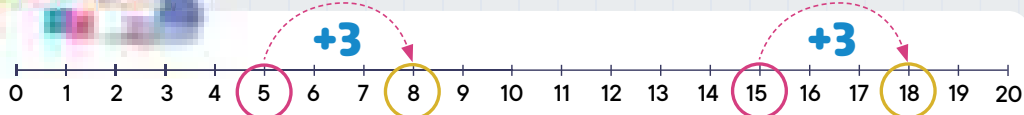
SABIRAMO BROJEVE U DRUGU DESETICU



$$5 + 3 = 8$$



$$15 + 3 = 18$$



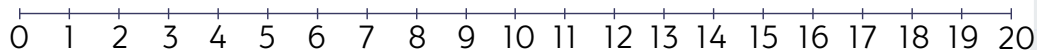
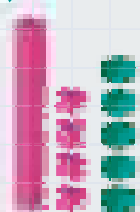
1.



Izbroj i upiši! Provjeri na brojevnu pravu!

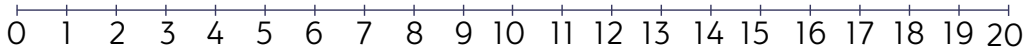
$$4 + 5 = \square$$

$$14 + 5 = \square$$

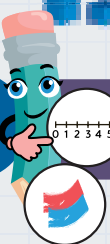


$$2 + 6 = \square$$

$$12 + 6 = \square$$



2.



Izračunaj i upiši! Zatim oboji!

$$13 + 4 = \square$$

$$16 + 2 = \square$$

$$11 + 5 = \square$$



$$12 + 7 = \square$$

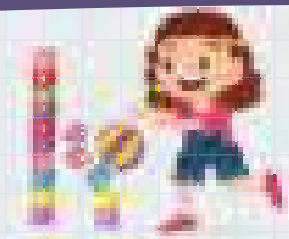
$$18 + 2 = \square$$

$$15 + 0 = \square$$

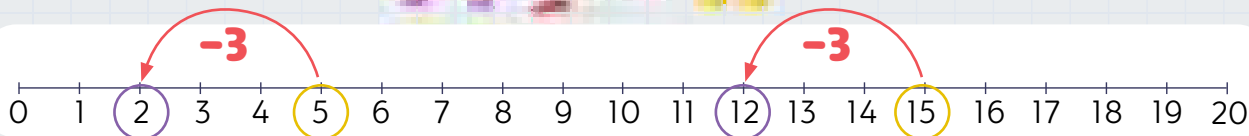
ODUZIMAMO BROJEVE U DRUGU DESETICU



$$5 - 3 = 2$$



$$15 - 3 = 12$$



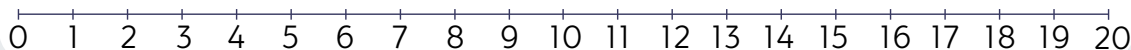
1.



Izbroj, precrtaj i upiši!
Provjeri na brojevnju pravu!

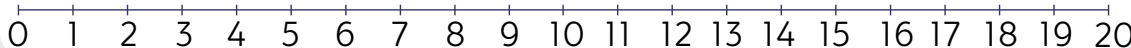
$$7 - 4 = \square$$

$$17 - 4 = \square$$



$$6 - 5 = \square$$

$$16 - 5 = \square$$



2.



Izračunaj i upiši!

$$13 - 2 = \square$$

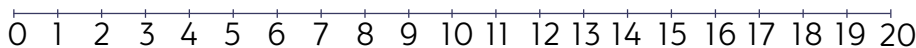
$$20 - 10 = \square$$

$$17 - 3 = \square$$

$$18 - 6 = \square$$

$$16 - 3 = \square$$

$$19 - 4 = \square$$



Zamijeni broj slovom!

10	11	12	13	14	15	16	17	18	19	20
A	R	O	S	D	T	E	L	I	M	U

Pročitaj!

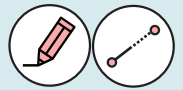
SABIRAMO I ODUZIMAMO BROJEVE U DRUGU DESETICU

1.



Izračunaj i upiši! Zatim **poveži po redu!**

Ako je tačno, dobit ćeš crtež!



$13 + 5 =$ $\rightarrow$ $18 - 2 =$ $\rightarrow$ $11 + 3 =$ $\rightarrow$ $17 - 5 =$ $\rightarrow$ $12 + 7 =$

$16 - 5 =$ $\leftarrow$ $17 - 4 =$ $\leftarrow$ $15 + 2 =$ $\leftarrow$ $14 - 4 =$ $\leftarrow$ $18 - 3 =$

$11 + 9 =$

$19 - 19 =$

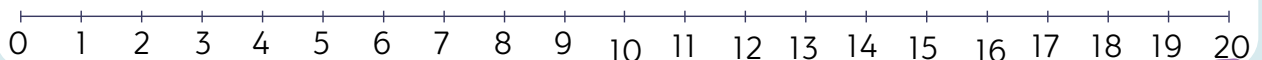
$12 + 6 =$

$20 - 5 =$



$11 + 2 =$ $\rightarrow$ $17 + 2 =$ $\rightarrow$ $4 + 11 =$ $\rightarrow$ $19 - 3 =$ $\rightarrow$ $17 + 3 =$

$18 - 0 =$ $\leftarrow$ $12 - 2 =$ $\leftarrow$ $19 - 8 =$ $\leftarrow$ $12 + 5 =$ $\leftarrow$ $20 - 6 =$



SABIRAMO TRI BROJA, ZBIR DVA BROJA JE 10

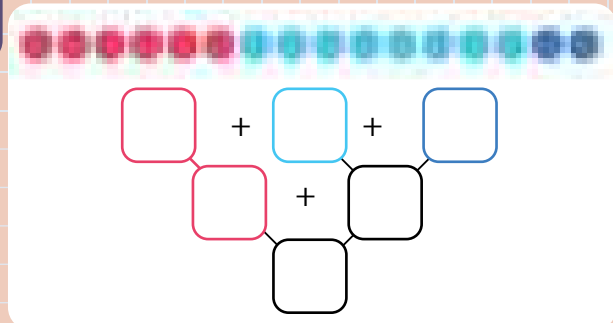
1.



Izračunaj i upiši!

Riješeni primjer

$$\begin{array}{r} 7 + 3 + 2 \\ 10 + 2 \\ \hline 12 \end{array}$$



U



nacrtaj ●●●, oboji i izračunaj! $1 + 9 + 8 =$

2.



Izbroj i upiši!



$$13 = \square + \square + \square$$



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

3.



Prvo **zabilježi** koja dva broja imaju zbir 10!

Upiši i nacrtaj !



$$6 + 4 + 3 = 3 + 10$$

Riješeni primjer

$$13 = 13$$

Provjeri uz pomoć



!



$$\begin{array}{r} \square + \square = \square + \square + \square \\ \square = \square \end{array}$$

GRUPIŠEMO BROJEVE U SABIRANJU

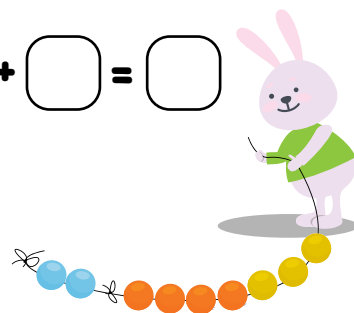
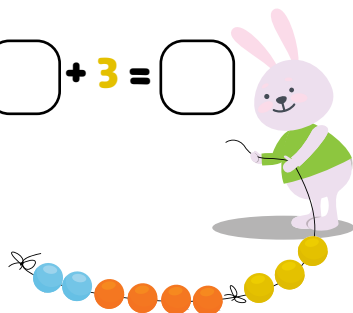
1.



Koliko je ukupno  poređao  na svaku  ?
Izračunaj i upiši!

$$(2 + 4) + 3 = \square + 3 = \square$$

$$2 + (4 + 3) = 2 + \square = \square$$



Upiši <, = ili > !

$$2 + (4 + 3) \square (2 + 4) + 3$$

2.

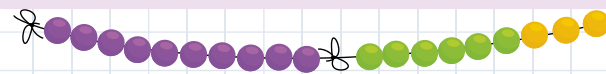


Grupiši na 2 načina! Onda izračunaj i upiši!

$$(\square + \square) + \square = \square + \square = \square$$



$$\square + (\square + \square) = \square + \square = \square$$



3.



U biblioteci.

Prvo su Teo i Iva uzeli



i



. Sljedeći put su Teo i Iva uzeli



Prvo su pročitali i vratili.



. Zatim su vratili

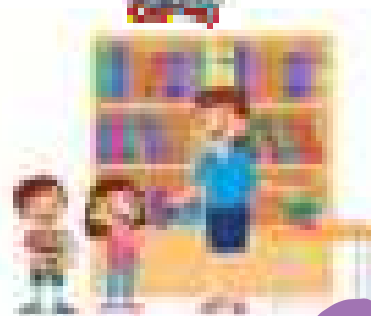


i

Da li su Teo i Iva vratili sve što su uzeli?

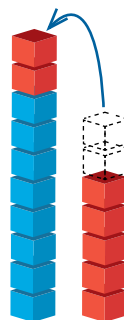
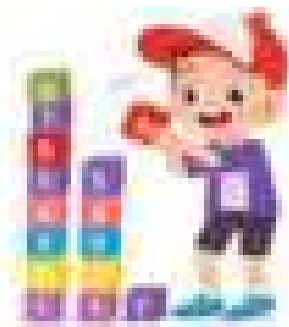
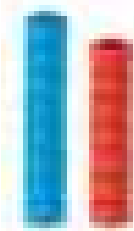
Pozajmili: $(10 + 2) + 3 = \square + 3 = \square$

Vratili: $10 + (2 + 3) = 10 + \square = \square$



SABIRAMO BROJEVE DO 20

$$8 + 7 = ?$$

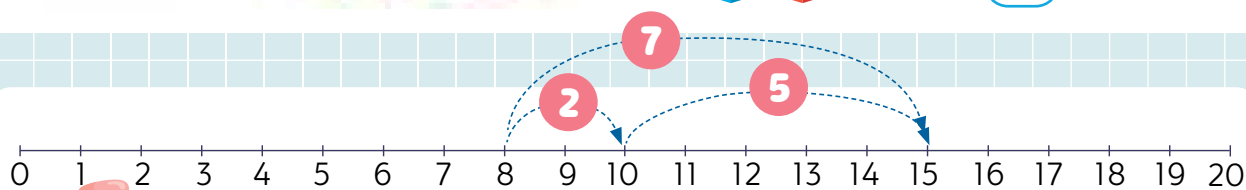


$$8 + 7 = ?$$

$$8 + 2 + 5$$

$$10 + 5$$

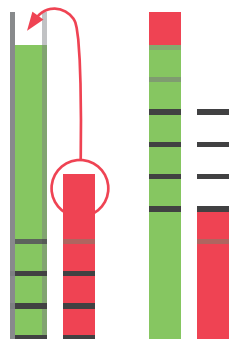
$$15$$



1.



Dopuni do 10 i oboji! Izračunaj i upiši!

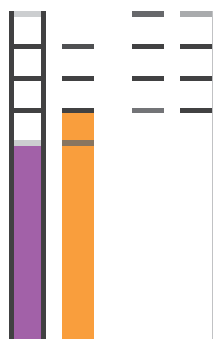


$$9 + 5 = ?$$

$$9 + \square + \square$$

$$10 + \square$$

$$\square$$



$$6 + 7 = ?$$

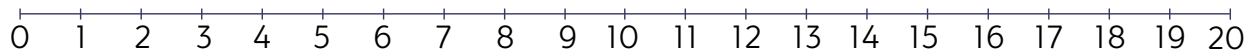
$$6 + \square + \square$$

$$10 + \square$$

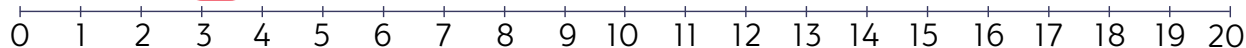
$$\square$$

Uradi **provjeru na brojevnu pravu! Dobroj, nacrtaj i upiši!**

$$9 + 5 = \square$$



$$6 + 7 = \square$$



2.



Izračunaj i upiši! Oboji ih i poveži ih sa
zbirovima jednaki broju



$6 + 7 =$

$9 + 6 =$

$8 + 8 =$

$9 + 8 =$

$9 + 4 =$

$8 + 6 =$

$9 + 9 =$

$9 + 7 =$

13

16

3.



Izračunaj i upiši!

$8 + 9 =$

$8 + 6 =$

$7 + 5 =$

$9 + 2 =$

$7 + 9 =$

$7 + 7 =$

$8 + 4 =$

$5 + 8 =$



4.



Izračunaj i označi sa

✓ to što je tačno, a sa ✗
to što je netačno!

$6 + 9 = 15$



$4 + 7 = 12$

$5 + 6 = 12$



$6 + 6 = 11$

$8 + 7 = 15$

$4 + 9 = 13$

$5 + 9 = 14$

$5 + 7 = 12$

5.



Zamijeni

brojevima i izračunaj!

= 8

= 6

= 7

$8 + 6 = 14$

$8 + 6 =$

$8 + 6 =$

$8 + 6 =$

$8 + 6 =$

$8 + 6 =$

ODUZIMAMO BROJEVE DO 20

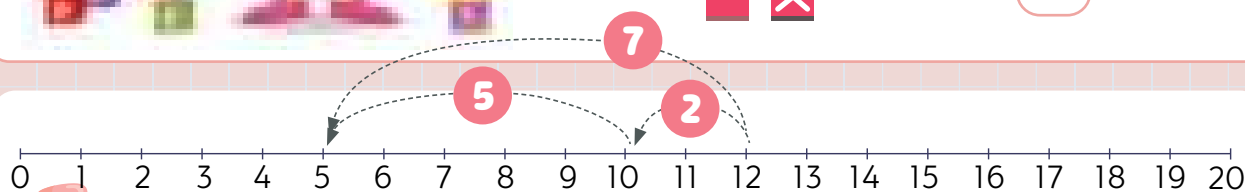


$$12 - 7 = ?$$

$$12 - 2 - 5$$

$$10 - 5$$

$$5$$



1. Izbroj i precrtaj! Upiši!

$$15 - 6 = ?$$

$$15 - 5 - 1$$

$$10 - \square$$

$$\square$$

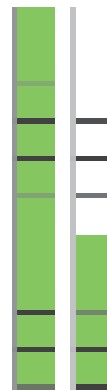


$$14 - 8 = ?$$

$$14 - \square - \square$$

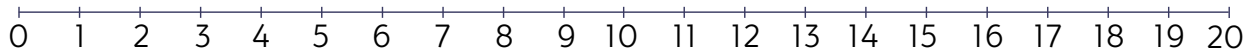
$$10 - \square$$

$$\square$$



Uradi **provjeru na brojevnju pravu!**
Broj unazad, nacrtaj i upiši!

$$15 - 6 = \square$$



$$14 - 8 = \square$$



2.



Da bezbijeđno prelazimo ulicu i da **izračunamo!**
Upiši! Upiši u svesci kako računaš!



$16 - 2$

$15 - 7 =$

$11 - 9 =$

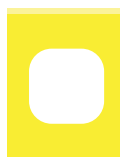


$17 - 6$

$13 - 8 =$

$14 - 6 =$

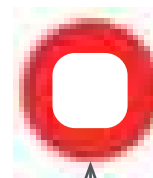
$12 - 5 =$



$13 - 7$

$11 - 4 =$

$17 - 8 =$



$18 - 9$

$20 - 10 =$

3.



Zamijeni 20 oblike sa brojem koji si dobio u zadatku 2!
Izračunaj!

Riješeni primjer!

$\text{blue square} - \text{red circle} = 2$

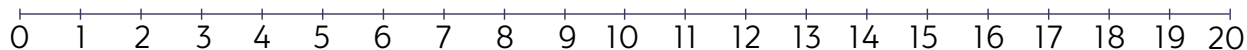
$\text{blue triangle} - \text{yellow square} = \square$

$\text{red circle} - \text{yellow square} = \square$

$\text{blue square} - \text{yellow square} = \square$

$\text{blue triangle} - \text{red circle} = \square$

Uradi **provjeru na brojevnju pravu!**



NEPOZNATI BROJ U SABIRANJU I ODUZIMANJU BROJEVA DO 20

1.

Koji broj nedostaje da bi bilo tačno? **Dobroj i docrtaj!**
Upiši!



$7 + \square = 12$

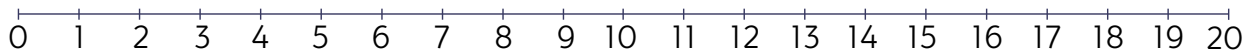
$12 - \square = 7$



$\square + 9 = 16$

$16 - \square = 9$

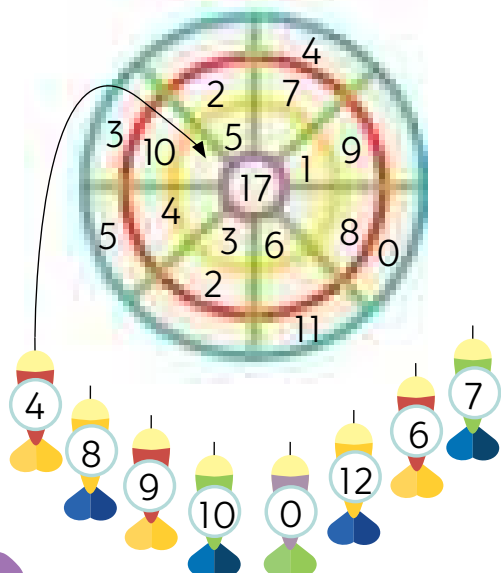
Uradi **provjeru na brojevnu pravu!**



2.

Pogodi u centru

Koji broj nedostaje kako
bi imao **zbir 17**?
Izračunaj i poveži!



3.

Tabela sa rezultatima.

Koji broj nedostaje?
Izračunaj i upiši!
Kako ćeš provjeriti?

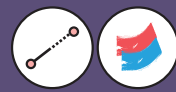
15	13		16	11		14	12
4		7	8		5	9	
11	4	9		6	8		3





4.

Pomozi djeci da ne upletu letjelice!
Koji broj nedostaje da bi bilo tačno?
Izračunaj! Upiši i poveži! Oboji!



Riješeni primjer

7 + 9 = 16

17 - = 9

+ 8 = 14

12 - = 8

13 - = 6

+ 12 = 17

- 8 = 7

8 + = 11

15 - = 4

6 + = 3

9 - = 7

5 + = 15

4 + = 13

3 + = 12

2 + = 11

1 + = 10

0 + = 9

- 1 = 8

- 2 = 7

- 3 = 6

- 4 = 5

- 5 = 4

- 6 = 3

- 7 = 2

- 8 = 1

- 9 = 0

- 10 = -1

- 11 = -2

- 12 = -3

- 13 = -4

- 14 = -5

- 15 = -6

- 16 = -7

- 17 = -8

- 18 = -9

- 19 = -10

- 20 = -11

- 21 = -12

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- 537 = -528

- 538 = -529

- 539 = -530

- 540 = -531

- 541 = -532

- 542 = -533

- 543 = -534

- 544 = -535

- 545 = -536

- 546 = -537

- 547 = -538

- 548 = -539

- 549 = -540

- 550 = -541

- 551 = -542

- 552 = -543

- 553 = -544

- 554 = -545

- 555 = -546

- 556 = -547

- 557 = -548

- 558 = -549

- 559 = -550

- 560 = -551

- 561 = -552

- 562 = -553

- 563 = -554

- 564 = -555

- 565 = -556

- 566 = -557

- 567 = -558

- 568 = -559

- 569 = -560

- 570 = -561

- 571 = -562

- 572 = -563

- 573 = -564

- 574 = -565

- 575 = -566

- 576 = -567

- 577 = -568

- 578 = -569

- 579 = -570

- 580 = -571

- 581 = -572

- 582 = -573

- 583 = -574

- 584 = -575

- 585 = -576

- 586 = -577

- 587 = -578

- 588 = -579

- 589 = -580

- 590 = -581

- 591 = -582

- 592 = -583

- 593 = -584

- 594 = -585

- 595 = -586

- 596 = -587

- 597 = -588

- 598 = -589

- 599 = -590

- 600 = -591

- 601 = -592

- 602 = -593

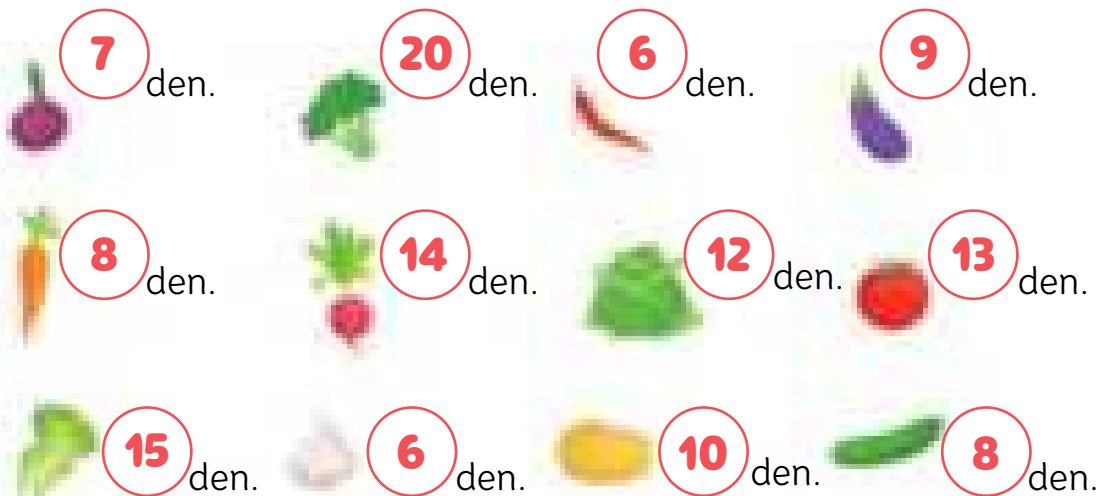
- 603 = -594

- 604 = -595

NA ZELENOJ PIJACI

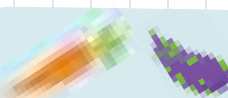
1.

Baka Dana je na pijaci. Ona pazari i računa
Izračunaj i ti sa bakom Danom! **Upiši!**
U svesci upiši kako računaš!





$$13 + 6 = 19$$



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



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

Baka želi kupiti
Plaća sa  i .
Koliko denara će vratiti
baki Dani?

$$\square - \square = \square$$

Baka je kupila  i .
Koliko denara treba platiti
baka Dana?
Koliko je denara ostalo baka
Dani ako je ona imala
 i  ?

2.



Izračunaj koliko koštaju **po 2** od svakog ovog povrća!



3.



Na kraju dana cijena nekih proizvoda je **dvojno manja!**
Prepolovi cijenu i upiši je!

Riješeni primjer



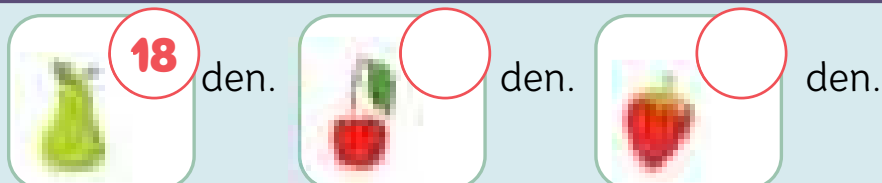
4.



Cijena  je **dvojno manja** od cijene .

Cijena  je **za 9 denara** manja od cijene .

Čija je cijena veća,  li ? **Izračunaj i upiši!**



GEOMETRIJA I MJERENJE

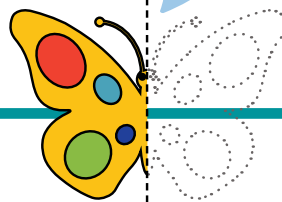
Linija simetrije

2

Dužina



1



Zapremina



3

Masa



4

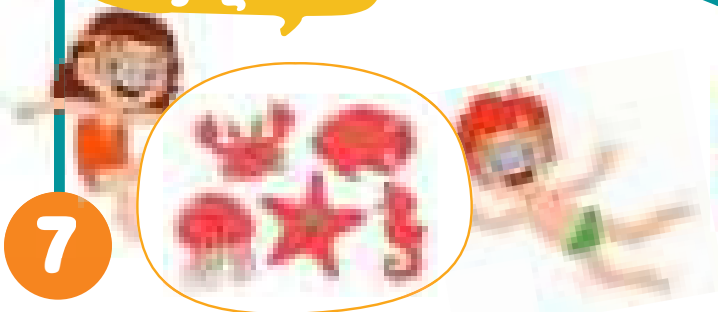
Sati i minuti

6



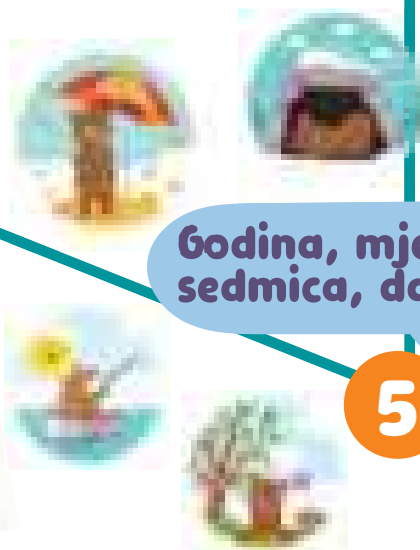
Dijagrami

7



Godina, mjesec, sedmica, dan

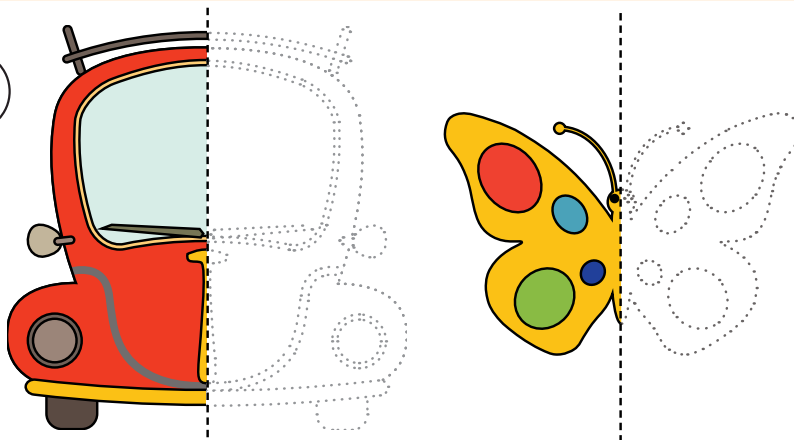
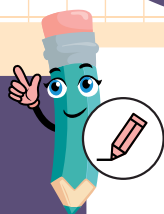
5



LINIJA SIMETRIJE

1.

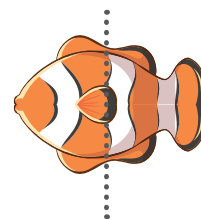
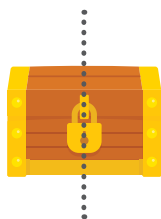
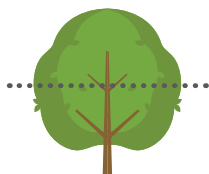
Docrtaj i oboj drugu stranu autića i leptira da bi bili cijeli!



2.



Koja je od linija sa tačkama **linija simetrije** sličice? Koja nije?



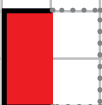
Nacrtaj liniju simetrije svakoj od sličica gore!



3.



Docrtaj drugu polovinu oblika da bi bila ogledalna slika započetog oblika!



PROCIJENJUJEMO I MJERIMO DUŽINU



1.

Ko ima napravljeno **dužu stazu** od  ?
Izbroj koliko  su duge staze! **Upiši!**

Marin

Olja

Marinova staza
je duga

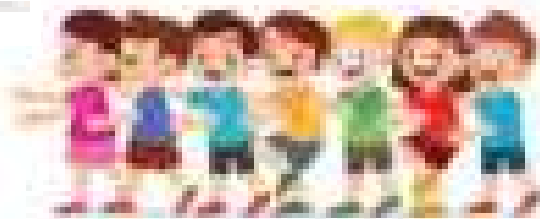
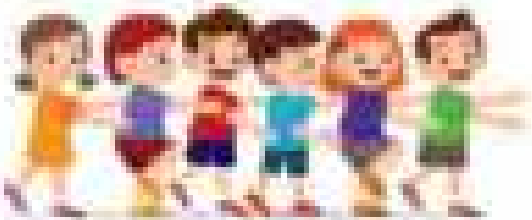
Oljina
staza je
duga



2.

Imamo proslavu i zabavljamo se! Imamo četiri vozića od djece koja se kreću sa zvukom muzike! **Koji vozić je najduži?**

**Da li možemo kazati?
Zašto?**



3.



Odgajivač

, Natan, mjerio je njihovu **dužinu**.

Svakog upoređuje sa

Koliko je dug svaki ?

A.

Izbroj i upiši!

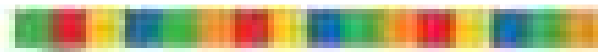
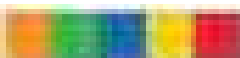








5



B. Poveži koliko je dugi svaki



C. Prebroj na i **upiši!**

Koja je razlika u dužini između

najdužeg

i najkraćeg

?



?



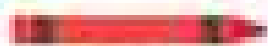
?



4.



Šta je pravilno izmjereno?
Zaokruži!
Šta nije pravilno izmjereno?
Zašto?



6



9



9



5.



Izmjeri sa



!



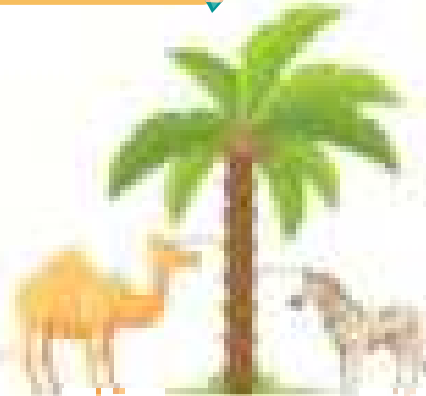
Ispod visokih palmi – **visoke i niske životinje**

A.

Izbroj koliko  je visoka svaka životinja i **upiši!**



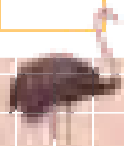
8



B.

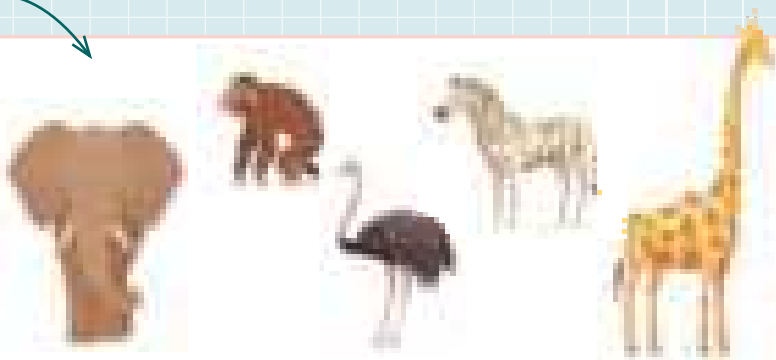
Oboji
tačni broj
polja!

10
9
8
7
6
5
4
3
2
1



Koja životinja je **najviša?**
Zaokruži je!

Koja životinja je **najniža?**
Označi je sa ✓!



6.



Za koliko  je najviša životinja viša od najniže životinje!

- =

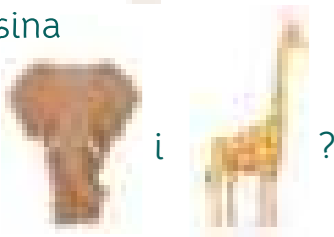
Провери со броење
полиња на дијаграмот на претходната страница!



7.



Za koliko  se razlikuje visina



- =

Provjeri brojanjem
polja dijagrama na prethodnoj strani?

8.

Najukusnije voćke sun a vrhu!

Dva tima se takmiču ko će ih ubrati i zasladiti.

Mudri čuvar će dodijeliti slatku nagradu.



Koji tim je stigao najviše?

Uporedi i upiši

<, > ili = u !

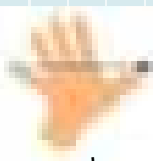


Provjeri brojanjem  na !

PRST, PEDA, LAKAT, STOPALO, KORAK



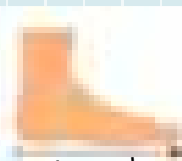
prst



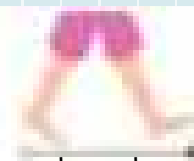
peda



lakat



stopalo



korak

1.



Stefan i Petra mjere širinu gola sa **nestandardnim** **jedinicama dužine. Poveži** sa kojom nestandardnom jedinicom mjeri Stefan, a sa kojom Petra!



2.



Procijeni, izmjeri i upiši!

a) Koliko  je dugi gol na igralištu škole?

b) Koliko  je dugi gol na igralištu škole?



Procijenio!

Izmjerio!



Procijenio!

Izmjerio!

3.



Procijeni, pa izmjeri sa  ! Upiši!

U našu učionicu



Procijenio!



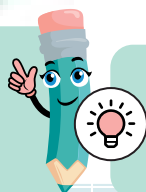
Izmjerio!



PROCIJENJUJEMO I MJERIMO ZAPREMINU



Da li se mehurići razlikuju po veličini?
Koliki prostor zauzima svaki od njih?



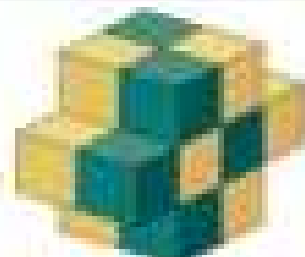
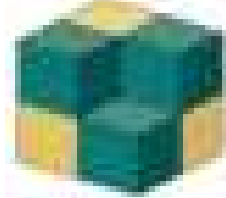
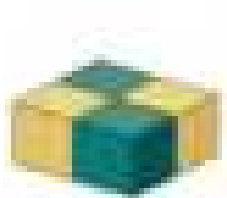
Koliko malih loptica su potrebne da bi se napunio i ?
Isti ili različiti broj loptica?

1.



Od koliko malih drvenih kocki je napravljena svaka figura?

Izbroj ili procijeni! Upiši!

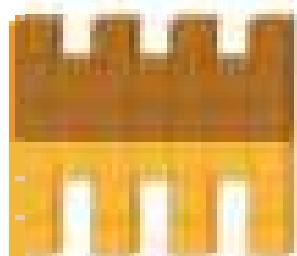
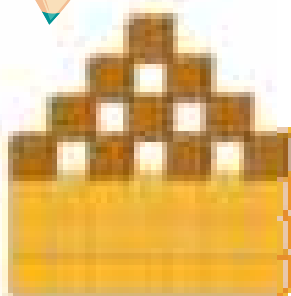


Da li ste svi odgovorili isto ili ima **više tačnih odgovora? Zašto?**

2.



Koji zid zamka ima **veću zapreminu?**



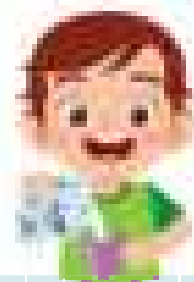
Izbroj i uporedi!
Objasni svoj odgovor!

3.

Koliko  možeš napuniti od  ?

Istraži i upiši!

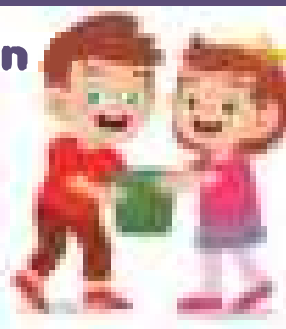
Procijeni i zaokruži toliko  !



4.

Takmičenje sa vodom!

Metin



Katerina

Vojdan



Vojdan, Katerina i Metin trebaju napuniti dvije iste   vodom.



Ako prospe isti broj  i  vode, u kojem  će imati više vode?

Uradi procjenu i zaokruži!



i



trebaju biti napunjeni vodom potpuno.

Ko treba više puta da puni vode i da prospe u  ?

Procijeni i zaokruži!



sa



sa



PROCIJENJUJEMO I MJERIMO MASU

Djed Soko uvijek ide sa  :u prodavaonicu, na pijaci, sa bakom u bioskopu ili u parku, kod unuka... Danas se djed vraćao s pijace sa puno produkata: paradajza, šargarepa, marula, krastavica, magdonos...

Ali, zaboravio je  za  .
Šta bi trebao da djed uradi kako bi mogao da vozi bicikl do kuće?



Kada se ne navaljuje na jednu stranu?



1.

Upiši riječi **ravnoteža**, **teže** i **lakše** tako da rečenice budu istinite!

Ako su produkti teški sa obe strane podjednako bicikl je u _____ .

Osjećamo da su _____ predmeti teži više. Tako je jer imaju veću masu.

Za predmete koji imaju manju masu osjećamo da su _____ .



Riječ **masa** je riječ sto ima dva značenja. Jedno značenje je Riječ **masa** znači **mjernu karakteristiku** predmeta.





Vađa je u ravnoteži.

 ima masu koliko 9 .

Ovdje  je korišćena kao nestandardna **mjera za masu.**

Masu predmeta možemo upoređivati i sa drugim predmetima:



2.

Prvo procijeni, a onda izmjeri **masu predmeta** sa datim mjerama i sa mjerom po svom izboru!

Nacrtaj izabranu **mjeru!**

	4 			
				
				
				
				
				

← **PROCIJENIO**

← **IZMJERIO**

Koristi



umjesto **vagu!**

3.

Šta je lakše da se pokrene:
predmet sa većom masom ili
predmet sa manjom masom?
A da bi se zaustavio ako se kreće?



4.

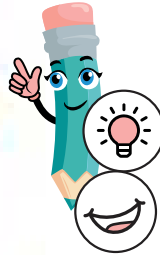
Zašto padaju
kegle?
Šta ima veću
masu?



MAJ

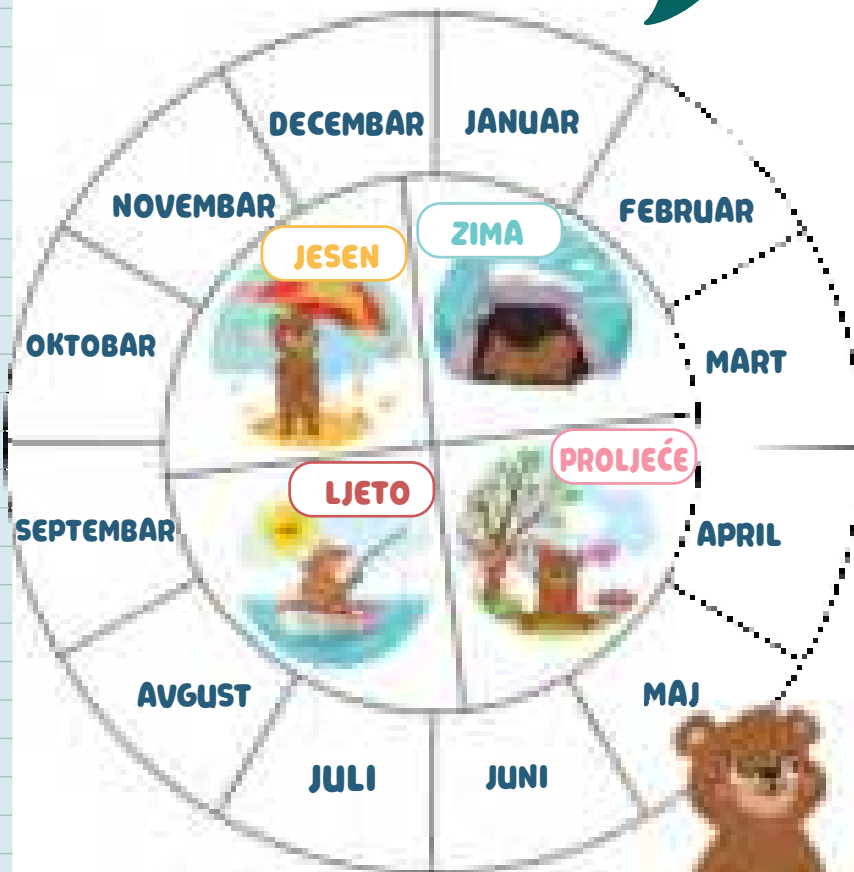


OKTOBAR

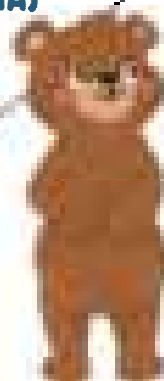


Da li je priroda uvijek ista?
Opiši kako se ona mijenja?
Koliko godišnjih doba ima?
Kako se oni razlikuju?

**GODINA IMA DVANAEST
MJESECI, I TO:**



1	JANUAR
2	FEBRUAR
3	MART
4	APRIL
5	MAJ
6	JUNI
7	JULI
8	AVGUST
9	SEPTEMBAR
10	OKTOBAR
11	NOVEMBAR
12	DECEMBAR



DANI U NEDJELJI

M E D I N E Č A R A P E



1. Ja imam sedam para čarapa u različitim bojama. **Plave** čarape su za **ponedjeljak**, **žute** su za **utorak**, **zelene** za **srijedu**, **roze** za **četvrtak**, **narandžaste** za **petak**, **crvene** za **subotu**, a **bijele** su za **nedjelju**.

Odlomak iz teksta
Medine čarape

1.



Oboji koju boju čarapa nosi Medo u:

ponedjeljak	utorak	srijeda	četvrtak	petak	subota	nedjelja

2.



Razmisli i zaokruži!

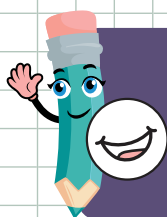
Ako **je danas utorak**, koji je dan **prekosutra? srijeda četvrtak petak**
Ako **je juče bio petak**, koji je dan **sutra? subota nedjelja četvrtak**

IZJUTRA, U PODNE, UVEČE

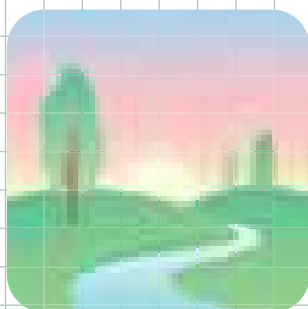
DAN



NOĆ



Čemu se radujemo **izjutra** kada se razbudimo?
Ko se pojavljuje **uveče** kada se Sunce sakrije?
Opiši šta se događa **danju**, a šta **noću**!



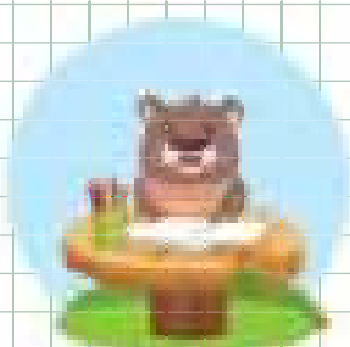
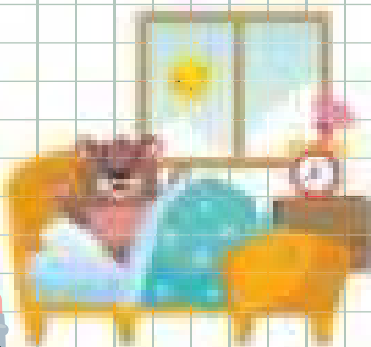
JUTRO



PODNE

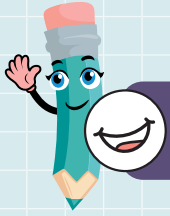


VEČE



Šta radi Medo **izjutra**, u podne i uveče? Ispričaj!

KOLIKO JE SATI?



Petar, Bojana, Demir i Anife razgovaraju o časovniku.

Časovnik ima
dvije strelice.

Na časovniku
su brojevi od
1 do 12.

Velika strelica
pokazuje minute.

Mala strelica
pokazuje sat.



1.



Na časovniku su
upisani brojevi od 1
do 12.
Svaki broj ima svoje mjesto.
Upiši brojeve na tačno
mjesto!





Na Albinovom satu mala strelica pokazuje broj 4, a velika strelica broj 12.

Albin kaže to je **4 sati**.
Rudina ima digitalni sat. I ona kaže da je **4 sati**!



04:00

2.



Pročitaj koliko nam časovnik pokazuje.

Upiši!



sati



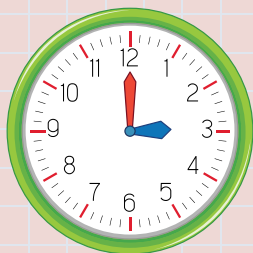
sati



sati

3.

Lenin časovnik pokazuje 10 sati.

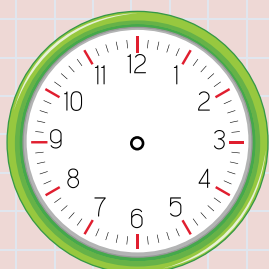
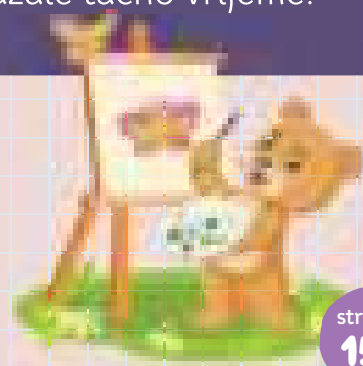


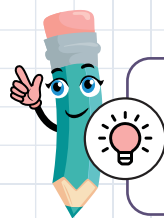
**Pronađi i
zaokruži**
Lenin časovnik!

4.

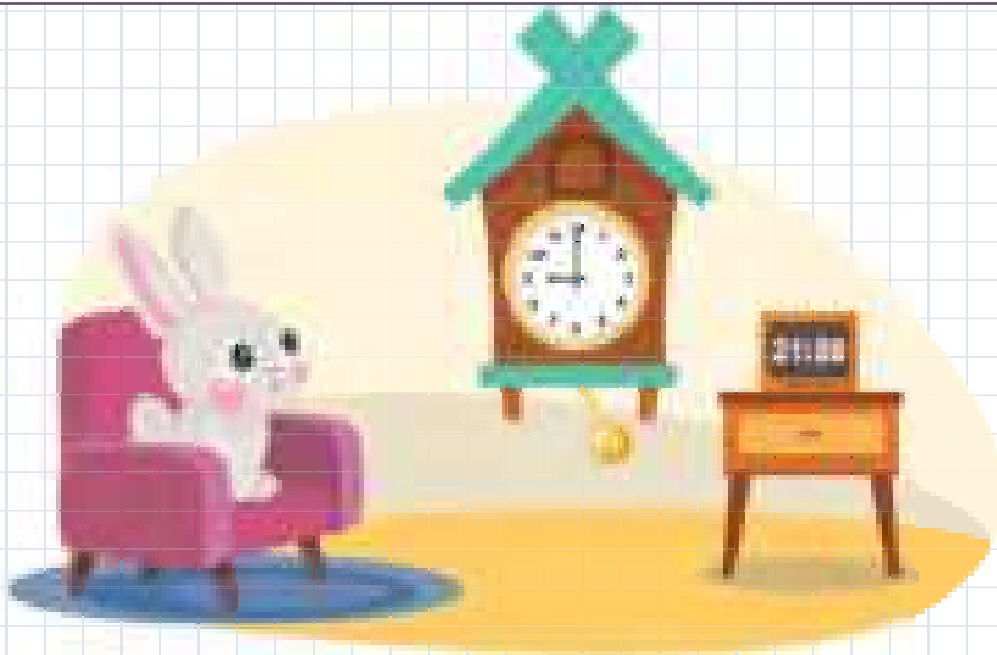
Vrijeme je za crtanje! Tedi je počeo da crta u **9 sati**.

Nacrtaj strelice na časovniku kako bi pokazale tačno vrijeme!
Upiši brojeve na digitalnom časovniku!

:



Zajko je začuđen. Pažljivo gleda u oba časovnika.
Jedan časovnik nam pokazuje 9 sati, a drugi časovnik 21:00 sat.
Koji časovnik pokazuje tačno vrijeme? Kako brojimo sate?



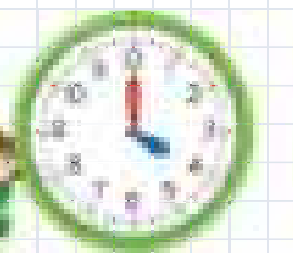
1. Poveži časovnike koji prikazuju tačno vrijeme!



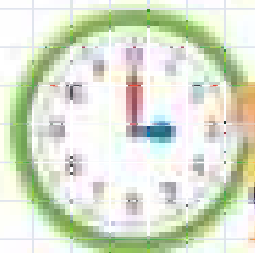
20:00



16:00



13:00



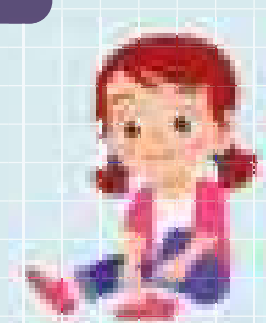
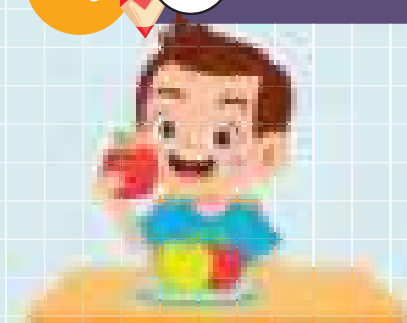
15:00

KOLIKO JE VREMENA POTREBNO?

1.



Procijeni koliko je vremena potrebno i **označi!**

☐

manje od 1 sata

☐

više od 1 sata

☐

oko 1 sat

☐

manje od 1 sata

☐

više od 1 sata

☐

oko 1 sat

☐

manje od 1 sata

☐

više od 1 sata

☐

oko 1 sat

2.



Nacrtaj šta možeš uraditi za:

manje od 1 sata!

oko 1 sat

više od 1 sata!

VENOV DIJAGRAM



U MORSKIM DUBINAMA

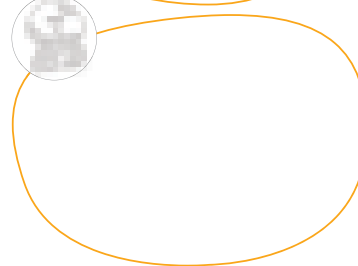
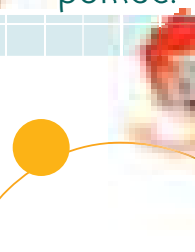
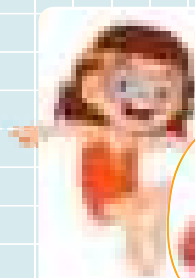
Filipa i Dare uživaju u ronenju. Oni su grupisali morske životinje u Venovom dijagramu prema boji, obliku i veličini.



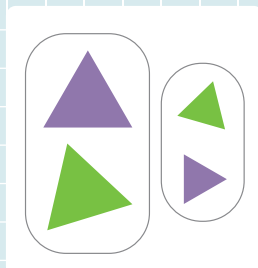
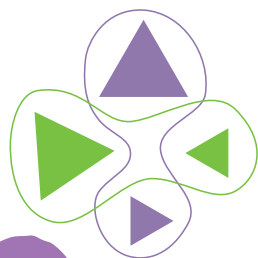
je riješila dati zadatak
je potrebna pomoć.



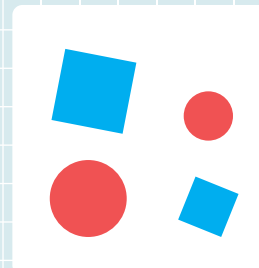
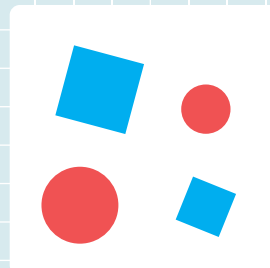
1. **Popuni** svaki Venov dijagram prema **datom kriterijumu!**



2. **Prema kojem kriterijumu** su grupisani trokuti u svakom Venovom dijagramu?



3. **Grupiraj 2D-oblike** u svakom Venovom dijagramu **prema jednom kriterijumu!**



PIKTOGRAM, STUBASTI I KEROLOV DIJAGRAM

Morske životinje koje je Dare primijetio na morskom dnu, ali ih nije fotografisao, zabilježio ih je u piktogramu.

1.



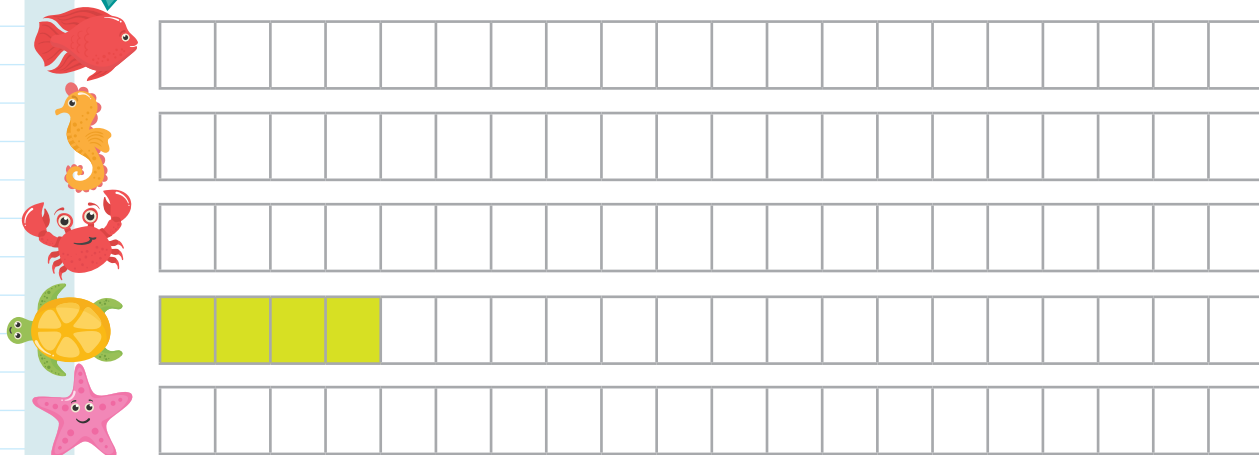
Pročitaj koje i koliko morskih životinja je Dare primijetio na

Ključ:  = 2 morske životinje		Ključ: = 1 morska životinja	Broj
	    	   	20
	  		
	   		
	 		
	    		

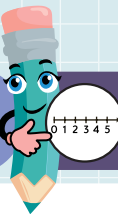
2.



Na stubastom dijagramu pretstavi broj svake vrste morskih životinja koje je Dare primijetio!



3.



Izbroj, izračunaj i uporedi!

Koje vrste morskih životinja je Dare **najviše** primijetio! _____

Koje morske životinje je **za 10 manje** od  ?

Koje **tri životinje** imaju zbir jednak broju  ?

Izračunaj i upiši znake $>$, $<$ ili $=$!



+





-



-



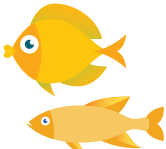


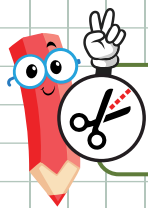
4.



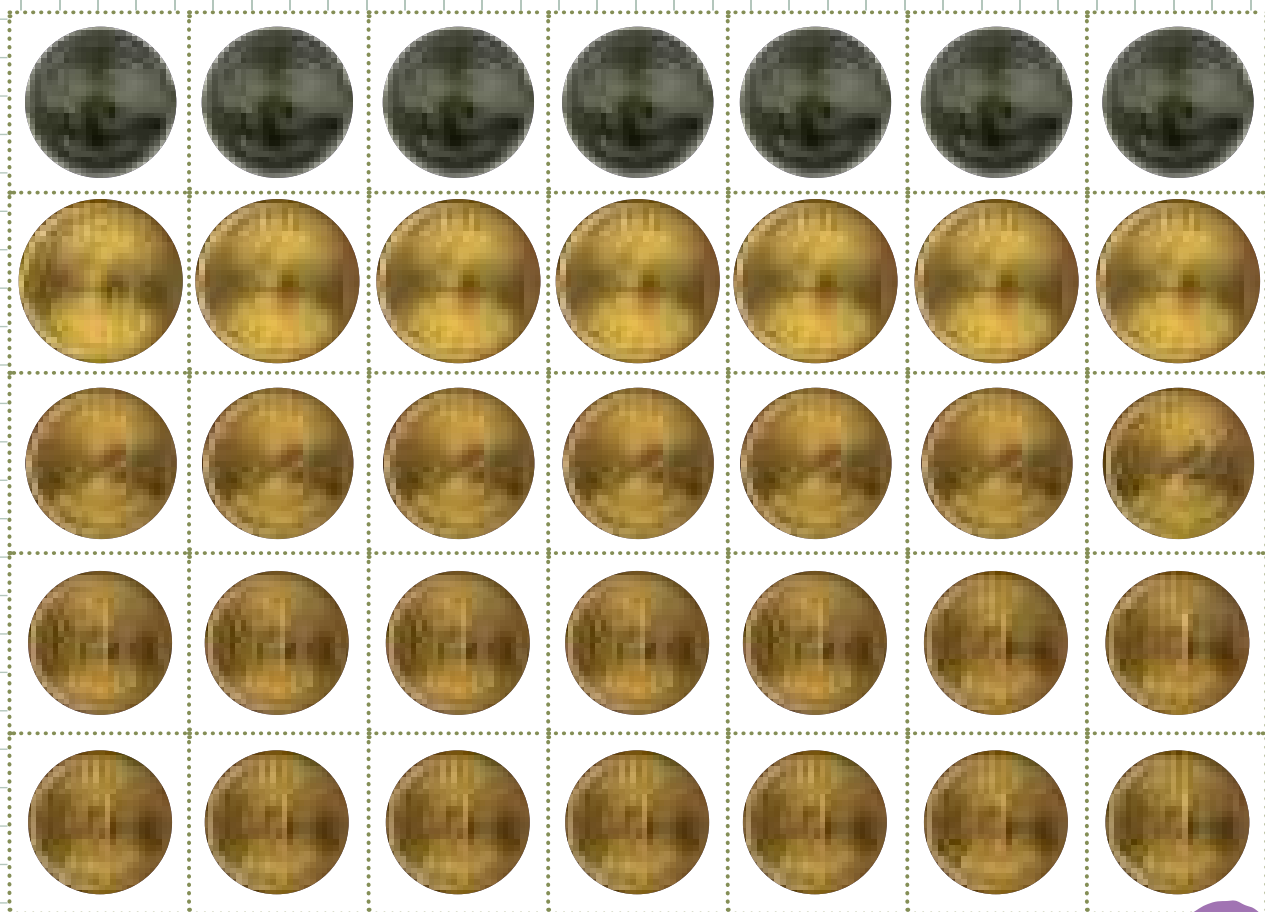
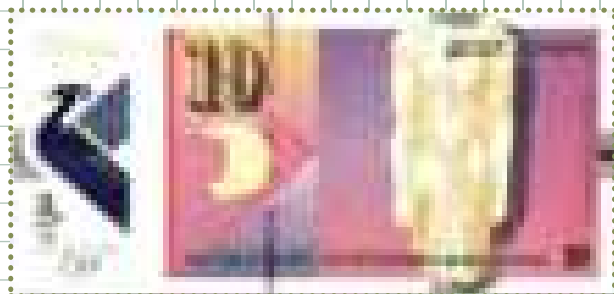
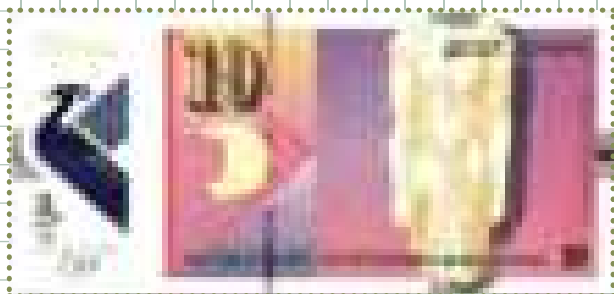
Dare i Filipa pažljivo gledaju jednu od njihovih fotografija sa morskog dna i popunjavaju **Kerolov dijagram**.

Dopuni da bi bilo tačno!

			niti  niti 
riba			
nije riba			



DOADATAK – MONETE I BANKNOTE





**Čestitamo ti na
osvojenom trofeju iz
matematike!**



**Vidimo se dogodine
na još uzbudljivijim
nivoima u
matematici!**

