Ime i prezime _____ Datum _____

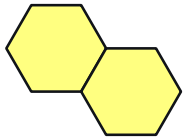
# Zbrajanje razlomaka jednakih nazivnika

LISTIĆ 1

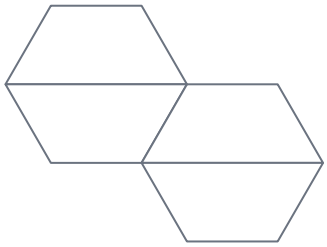
## „Kod kuće”

Skupina **A**

**1** Dva šesterokuta predstavljaju jedno cijelo.
Odredite $\frac{1}{4} + \frac{2}{4}$ prema sljedećim uputama. Složite pločice, a zatim obojite.

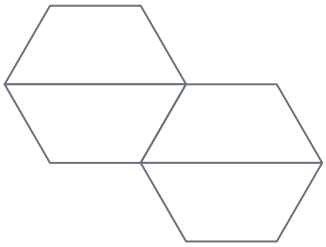


Prikažite $\frac{1}{4}$ .



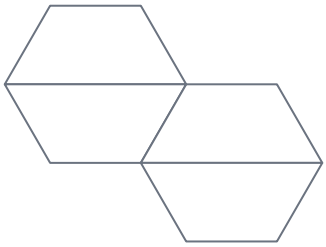
+

Prikažite $\frac{2}{4}$ .



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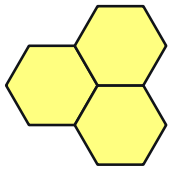
Prikažite zbroj.



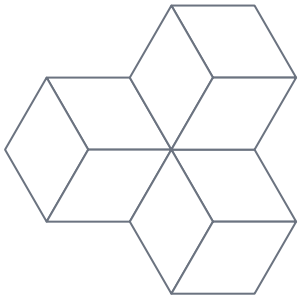
$\frac{1}{4} + \frac{2}{4} = \frac{\square}{\square}$

**2** Tri šesterokuta predstavljaju jedno cijelo.
Odredite $\frac{7}{9} - \frac{2}{9}$ prema sljedećim uputama. Složite pločice, a zatim obojite.

Iz prvog lika uklonite (precrtajte) dijelove drugog lika.

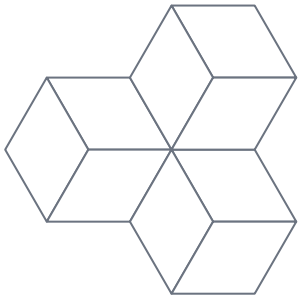


Prikažite $\frac{7}{9}$ .



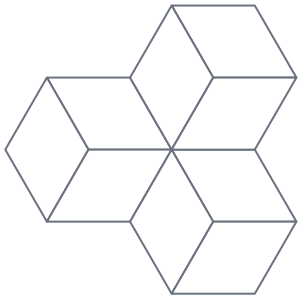
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Prikažite $\frac{2}{9}$ .



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Prikažite razliku.



$\frac{7}{9} - \frac{2}{9} = \frac{\square}{\square}$

Ime i prezime _____ Datum _____

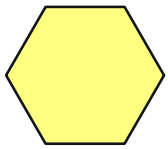
# Zbrajanje razlomaka jednakih nazivnika

LISTIĆ 1

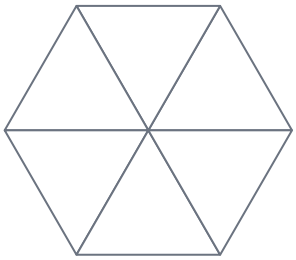
## „Kod kuće”

Skupina **B**

**1** Šesterokut predstavlja jedno cijelo.
Odredite $\frac{2}{6} + \frac{3}{6}$ prema sljedećim uputama. Složite pločice, a zatim obojite.

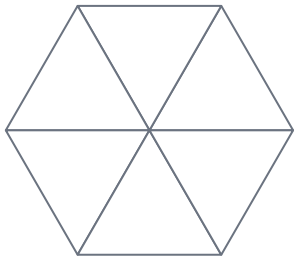


Prikažite $\frac{2}{6}$.



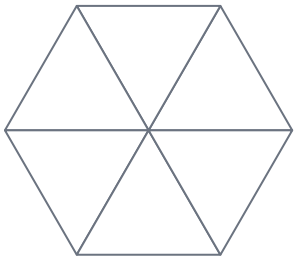
+

Prikažite $\frac{3}{6}$.



=

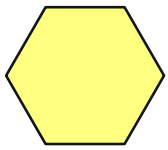
Prikažite zbroj.



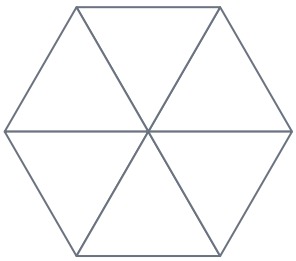
$\frac{2}{6}$ + $\frac{3}{6}$ = $\frac{\square}{\square}$

**2** Šesterokut predstavlja jedno cijelo.
Odredite $\frac{5}{6} - \frac{4}{6}$ prema sljedećim uputama. Složite pločice, a zatim obojite.

Iz prvog lika uklonite (precrtajte) dijelove drugog lika.

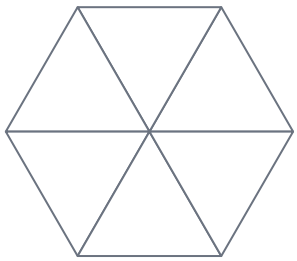


Prikažite $\frac{5}{6}$.



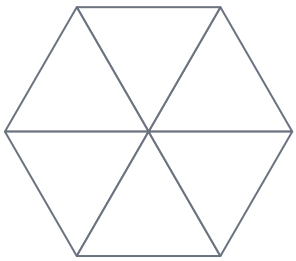
−

Prikažite $\frac{4}{6}$.



=

Prikažite razliku.



$\frac{5}{6}$ − $\frac{4}{6}$ = $\frac{\square}{\square}$

Ime i prezime _____ Datum _____

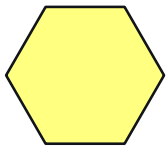
# Zbrajanje razlomaka jednakih nazivnika

LISTIĆ 1

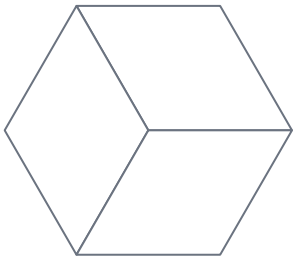
## „Kod kuće”

Skupina C

**1** Šesterokut predstavlja jedno cijelo.
Odredite $\frac{1}{3} + \frac{2}{3}$ prema sljedećim uputama. Složite pločice, a zatim obojite.

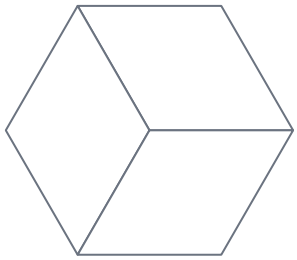


Prikažite $\frac{1}{3}$.



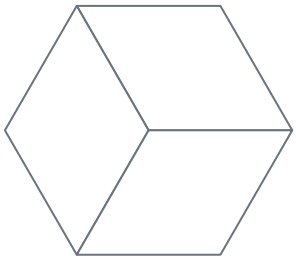
+

Prikažite $\frac{2}{3}$.



=

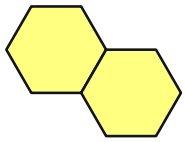
Prikažite zbroj.



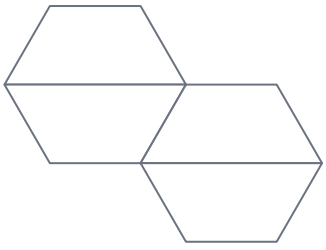
$\frac{1}{3} + \frac{2}{3} = \frac{\square}{\square}$

**2** Dva šesterokuta predstavljaju jedno cijelo.
Odredite $\frac{4}{4} - \frac{3}{4}$ prema sljedećim uputama. Složite pločice, a zatim obojite.

Iz prvog lika uklonite (precrtajte) dijelove drugog lika.

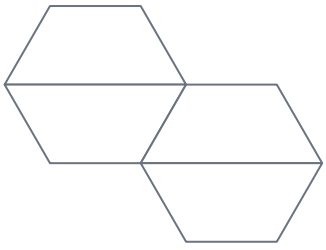


Prikažite $\frac{4}{4}$.



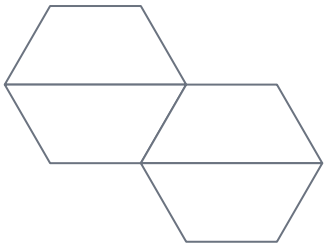
−

Prikažite $\frac{3}{4}$.



=

Prikažite razliku.



$\frac{4}{4} - \frac{3}{4} = \frac{\square}{\square}$

Ime i prezime _____ Datum _____

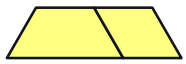
# Zbrajanje razlomaka jednakih nazivnika

LISTIĆ 1

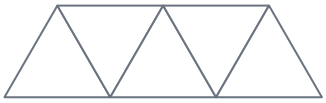
## „Kod kuće”

Skupina D

**1** Trapez i romb zajedno predstavljaju jedno cijelo.
Odredite $\frac{2}{5} + \frac{2}{5}$ prema sljedećim uputama. Složite pločice, a zatim obojite.

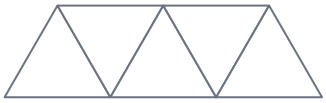


Prikažite $\frac{2}{5}$ .



+

Prikažite $\frac{2}{5}$ .



=

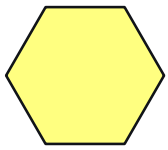
Prikažite zbroj.



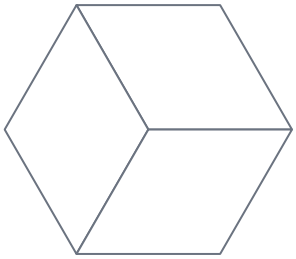
$\frac{2}{5} + \frac{2}{5} = \frac{\square}{\square}$

**2** Šesterokut predstavlja jedno cijelo.
Odredite $\frac{2}{3} - \frac{1}{3}$ prema sljedećim uputama. Složite pločice, a zatim obojite.

Iz prvog lika uklonite (precrtajte) dijelove drugog lika.

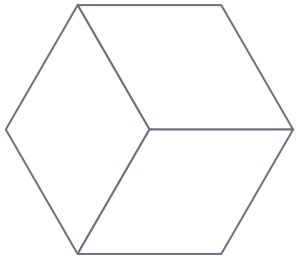


Prikažite $\frac{2}{3}$ .



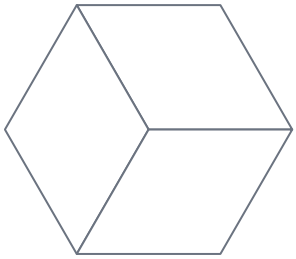
−

Prikažite $\frac{1}{3}$ .



=

Prikažite razliku.



$\frac{2}{3} - \frac{1}{3} = \frac{\square}{\square}$

Ime i prezime _____ Datum _____

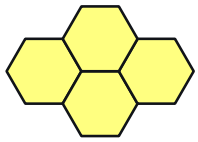
# Zbrajanje razlomaka jednakih nazivnika

LISTIĆ 1

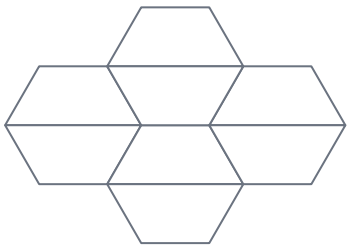
## „Kod kuće”

Skupina **E**

**1** Četiri šesterokuta predstavljaju jedno cijelo.
Odredite $\frac{3}{8} + \frac{4}{8}$ prema sljedećim uputama. Složite pločice, a zatim obojite.

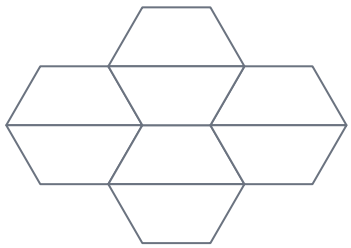


Prikažite $\frac{3}{8}$ .



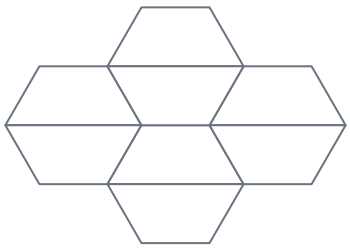
+

Prikažite $\frac{4}{8}$ .



=

Prikažite zbroj.



$\frac{3}{8}$ + $\frac{4}{8}$ = $\frac{\square}{\square}$

**2** Trapez i romb zajedno predstavljaju jedno cijelo.
Odredite $\frac{4}{5} - \frac{3}{5}$ prema sljedećim uputama. Složite pločice, a zatim obojite.



Iz prvog lika uklonite (precrtajte) dijelove drugog lika.

Prikažite $\frac{4}{5}$ .



−

Prikažite $\frac{3}{5}$ .



=

Prikažite razliku.



$\frac{4}{5}$ − $\frac{3}{5}$ = $\frac{\square}{\square}$

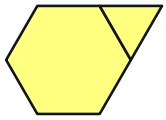
Ime i prezime _____ Datum _____

# Zbrajanje razlomaka jednakih nazivnika

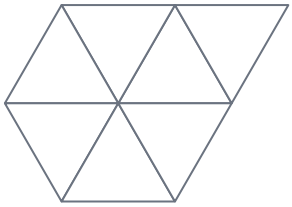
LISTIĆ 1 **„Kod kuće”**

Skupina **F**

**1** Šesterokut i trokut zajedno predstavljaju jedno cijelo.
Odredite $\frac{2}{7} + \frac{3}{7}$ prema sljedećim uputama. Složite pločice, a zatim obojite.

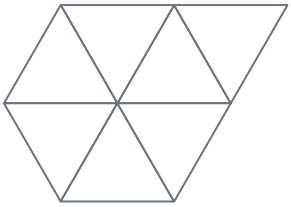


Prikažite $\frac{2}{7}$.



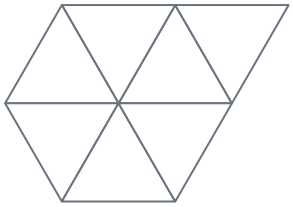
+

Prikažite $\frac{3}{7}$.



=

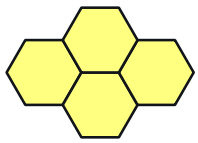
Prikažite zbroj.



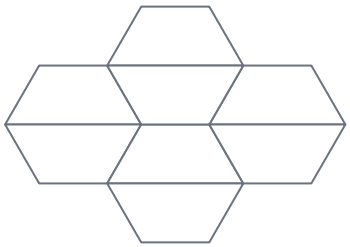
$\frac{2}{7} + \frac{3}{7} = \frac{\square}{\square}$

**2** Četiri šesterokuta predstavljaju jedno cijelo.
Odredite $\frac{6}{8} - \frac{1}{8}$ prema sljedećim uputama. Složite pločice, a zatim obojite.

Iz prvog lika uklonite (precrtajte) dijelove drugog lika.

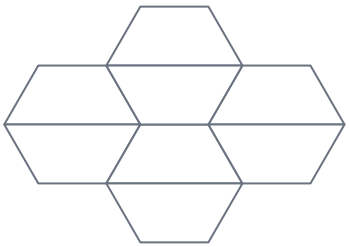


Prikažite $\frac{6}{8}$.



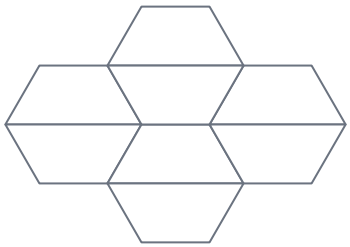
−

Prikažite $\frac{1}{8}$.



=

Prikažite razliku.



$\frac{6}{8} - \frac{1}{8} = \frac{\square}{\square}$

Ime i prezime _____ Datum _____

LISTIĆ 2

# „U gostima”

**1** Redom, pomoću modela geometrijskih pločica, prikažite postupak zbrajanja razlomaka s prvog listića i zapišite dobivene zbrojeve.

| A | B | C | D | E | F |
|---|---|---|---|---|---|
| $\frac{1}{4}+\frac{2}{4}=\frac{\square}{\square}$ | $\frac{2}{6}+\frac{3}{6}=\frac{\square}{\square}$ | $\frac{1}{3}+\frac{2}{3}=\frac{\square}{\square}$ | $\frac{2}{5}+\frac{2}{5}=\frac{\square}{\square}$ | $\frac{3}{8}+\frac{4}{8}=\frac{\square}{\square}$ | $\frac{2}{7}+\frac{3}{7}=\frac{\square}{\square}$ |

**2** Kako zbrajamo razlomke jednakih nazivnika?

**3** Kako biste to zapisali matematičkim simbolima?

$$\frac{m}{n}+\frac{p}{n}=\frac{\square}{\square}, \quad m, p, n \in \mathbb{N}$$