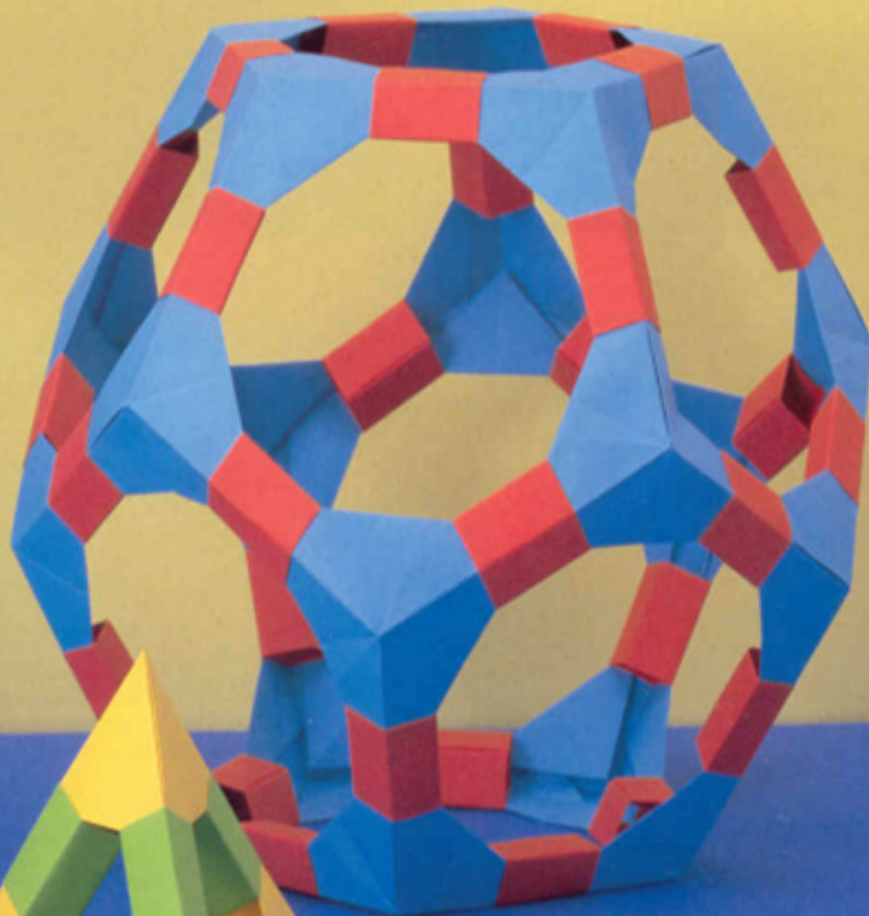


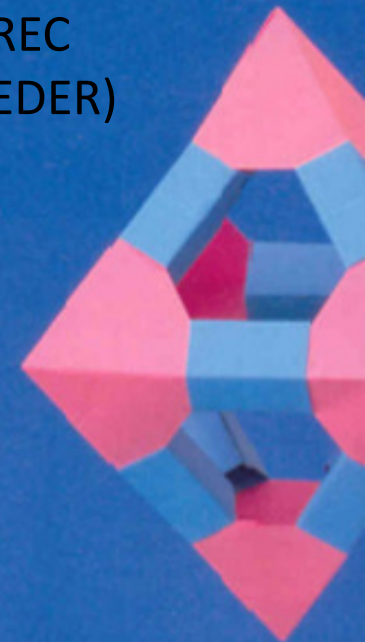
MATEMATIČNI ORIGAMI

DVANAJSTEREC
(DODEKAEDER)



ČETVEREC
(TETRAEDER)

OSMEREK
(OKTAEDER)



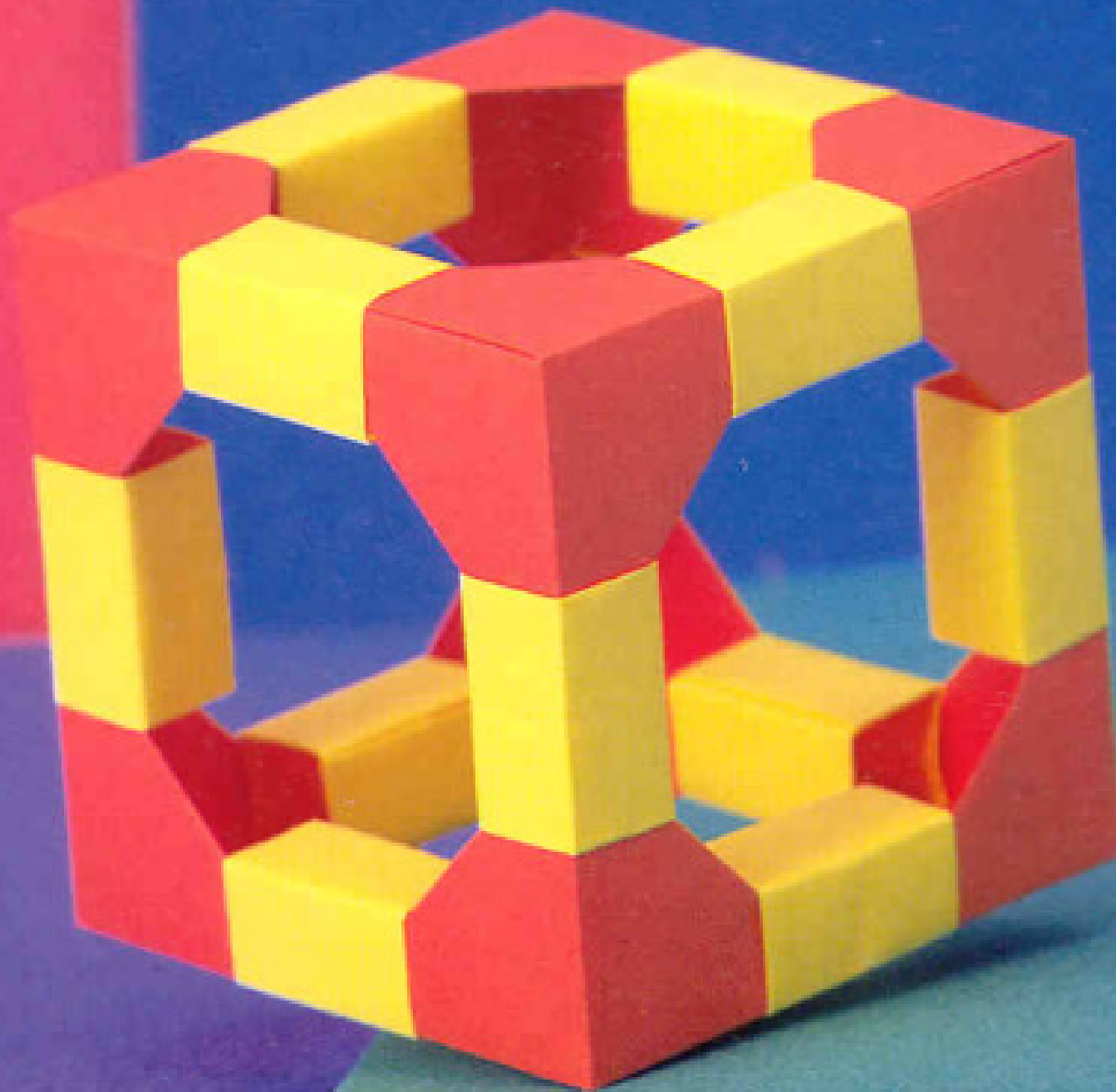
DVAJSETERC
(IKOZAEDER)



KOCKA



KOCKA



POTREBŠČINE:

OGLIŠČA: **8** listov formata A4 (ali A5) -> kvadrat

ROBOVI: **12** listov formata A4 -> kvadrat

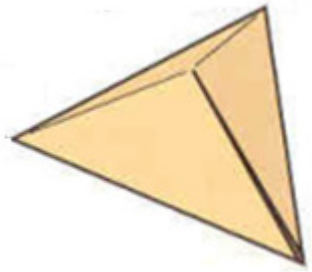
MATEMATIKA:

- Diagonala kvadrata
- Simetrala kota, stranice
 - Težišče kvadrata
- Razpolavljanje stranice, deljenje stranic v danem razmerju
- Liki: kvadrat, pravokotnik, pravokotni trikotnik, paralelogram,
osemkotnik (odprtina na mejni ploskvi)

LITERATURA:

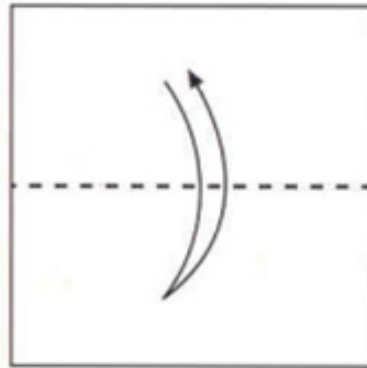
Miyuki Kawamura: Polyhedron Origami for Beginners

OGLIŠČA



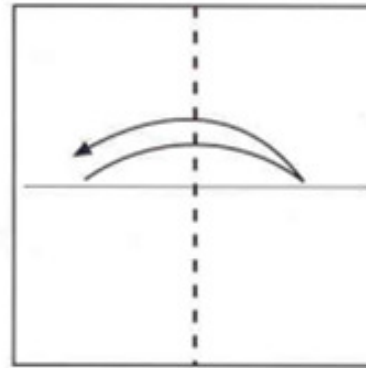
8

①



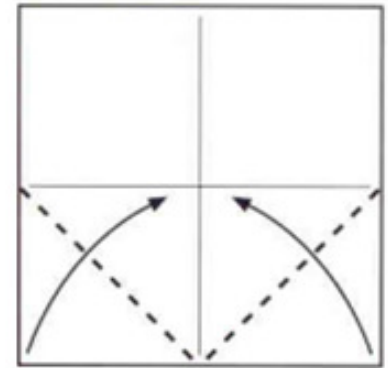
PREPOGNI IN RAZPRI

②



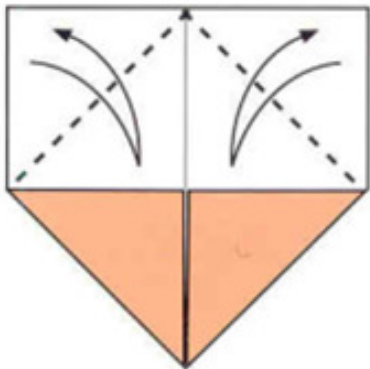
PREPOGNI IN RAZPRI

③



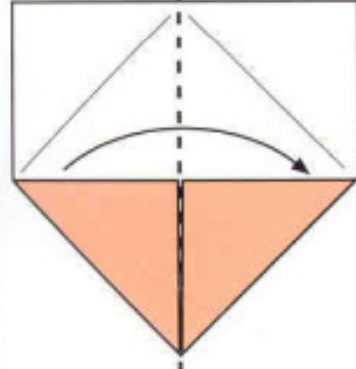
PREPOGNI

④



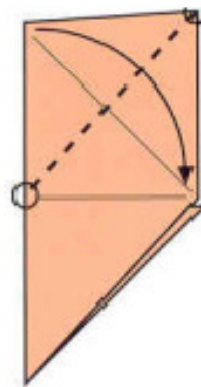
PREPOGNI IN RAZPRI

⑤



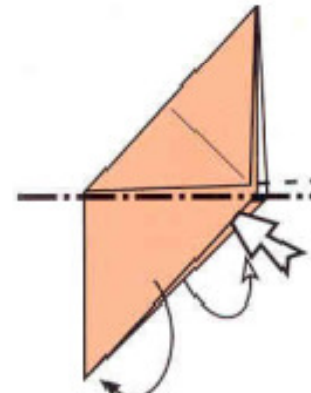
PREPOGNI

⑥



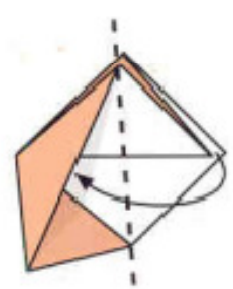
PREPOGNI

⑦

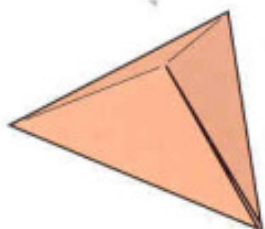


RAZPRI

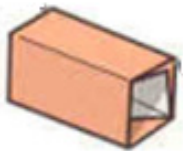
⑧



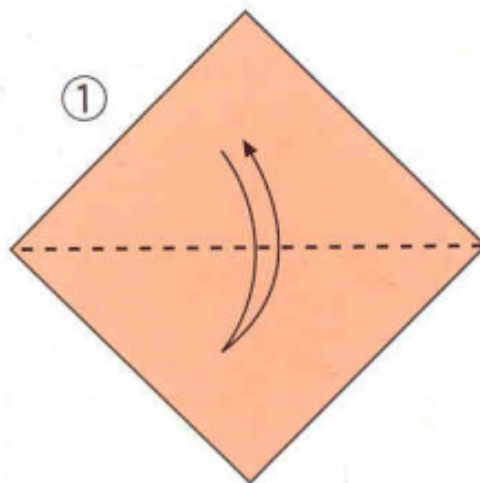
PREPOGNI – ZAVIHAJ
NAVZNOTER



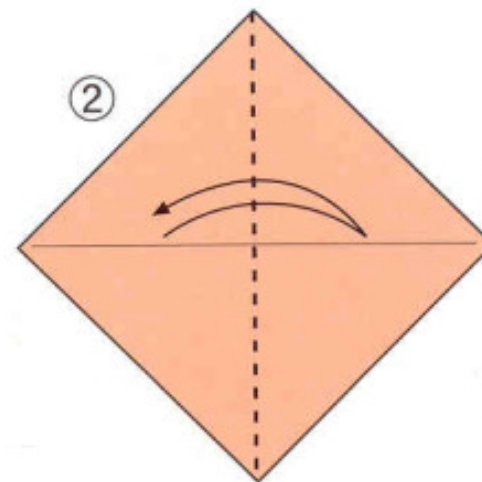
ROBOVI



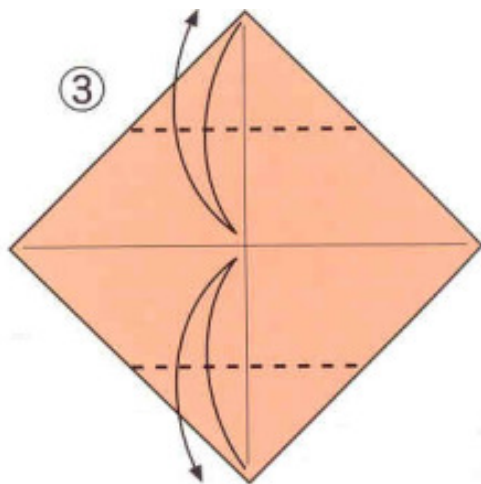
12



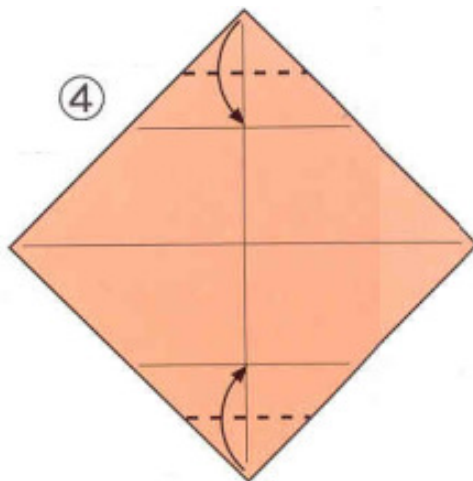
PREPOGNI IN RAZPRI



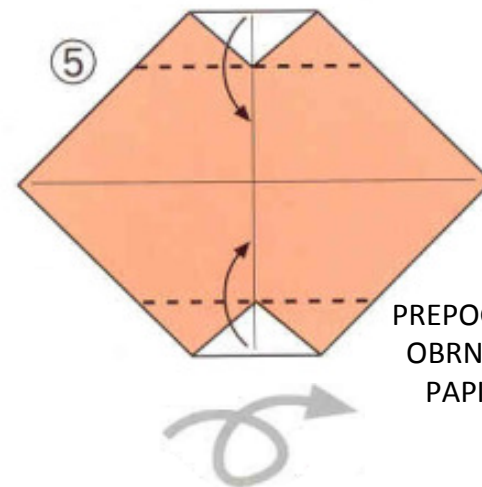
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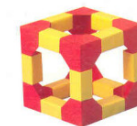
PREPOGNI IN RAZPRI

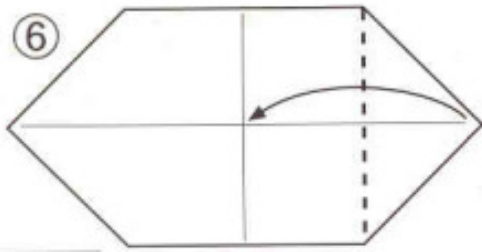


PREPOGNI

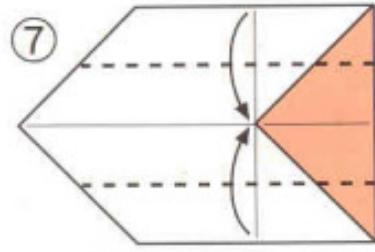


PREPOGNI IN
OBRNI LIST
PAPIRJA

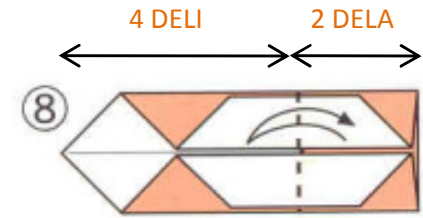




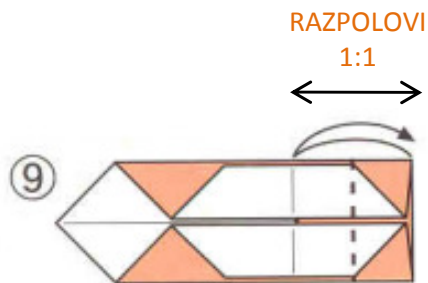
PREPOGNI



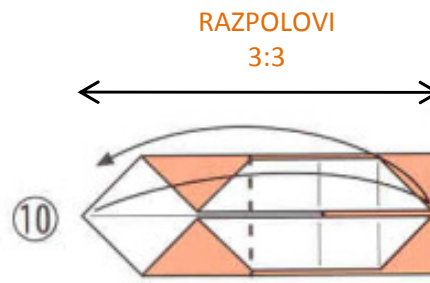
PREPOGNI



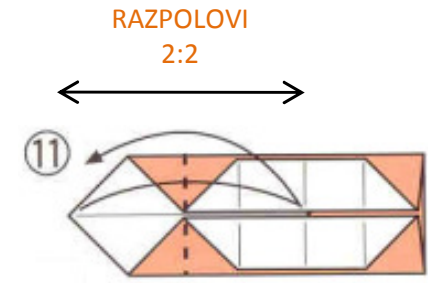
PREPOGNI IN RAZPRI



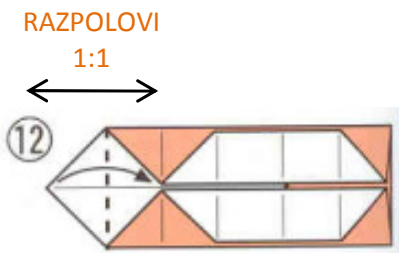
PREPOGNI IN RAZPR



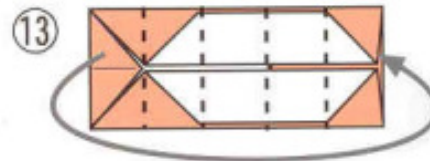
PREPOGNI IN RAZPRI



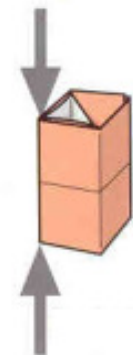
PREPOGNI IN RAZPRI

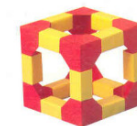
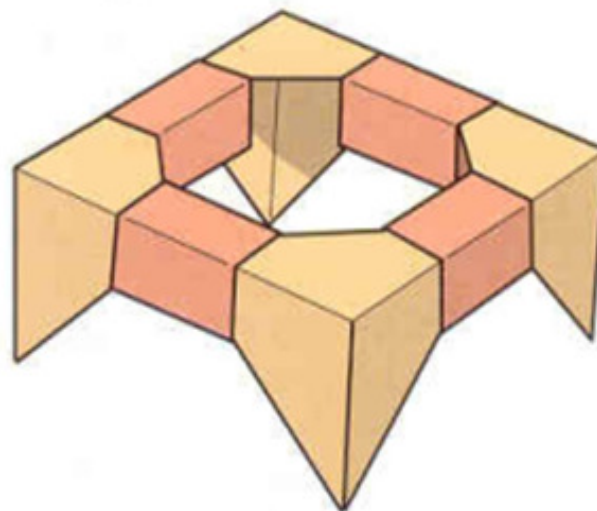
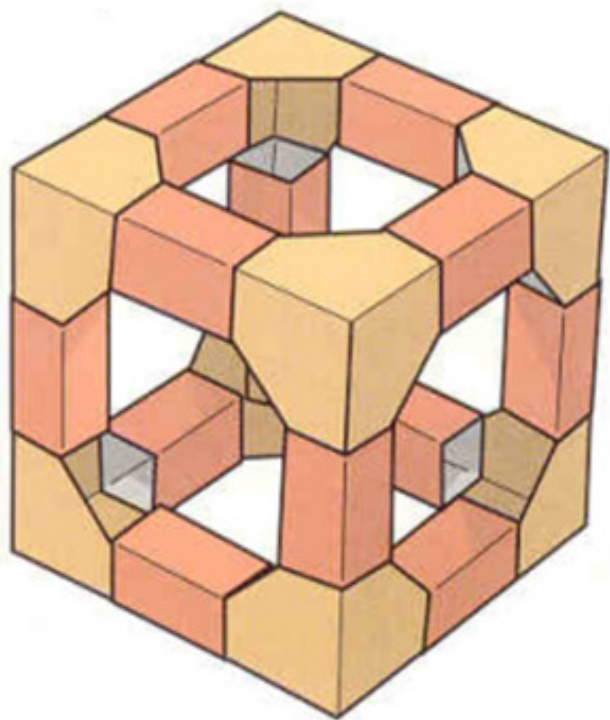
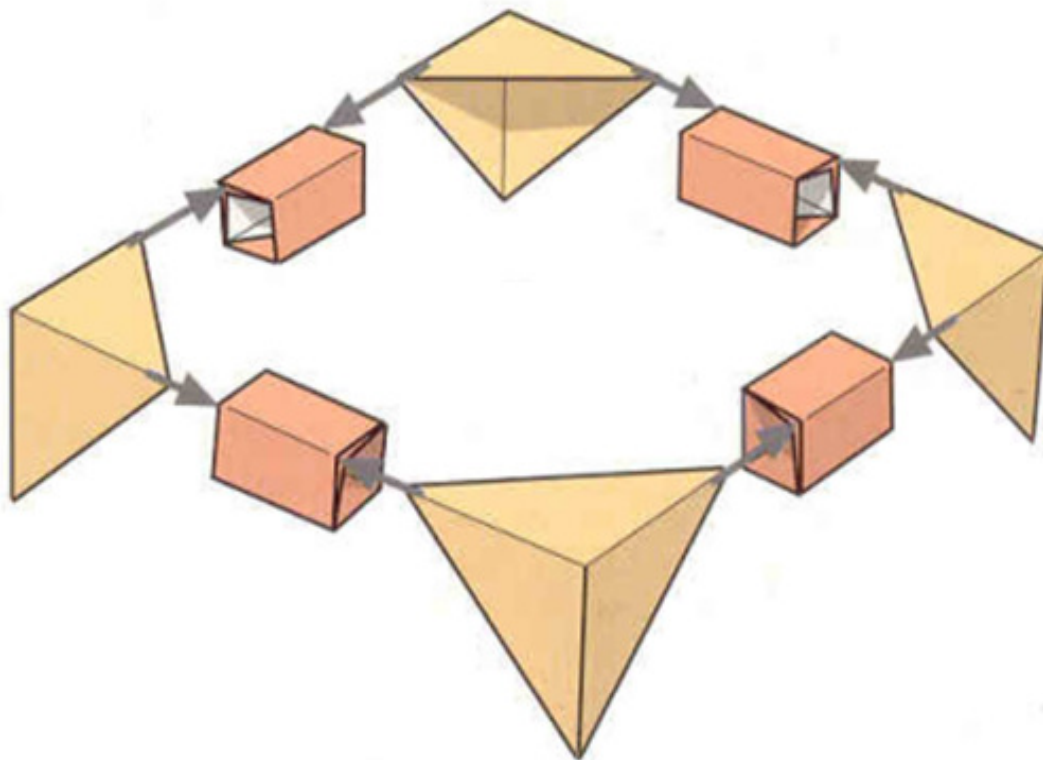
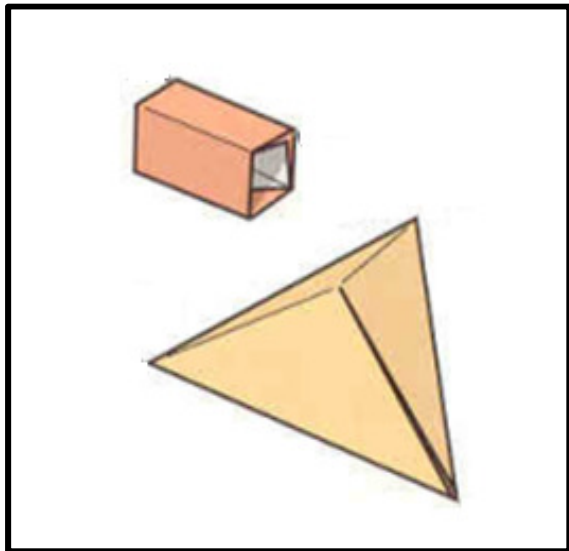


PREPOGNI



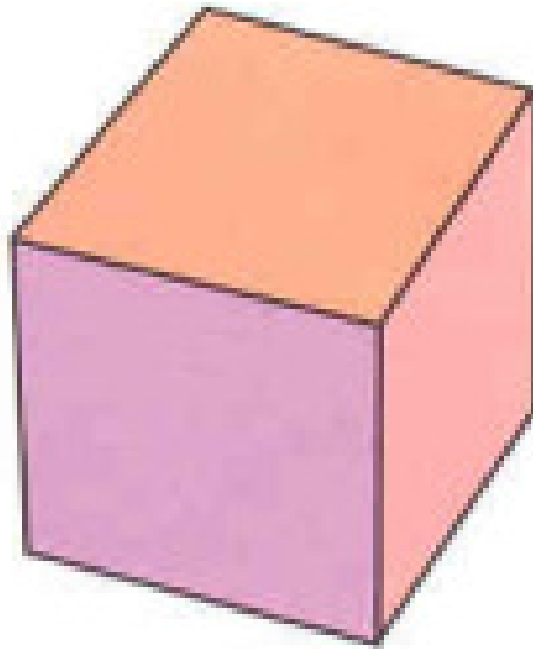
VSTAVI V ŽEPEK







KOCKA (2)



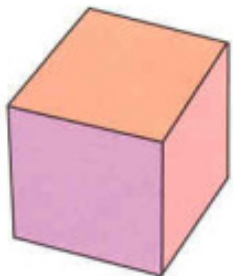
POTREBŠČINE:

MEJNE PLOSKVE: **6** majhni kvadratni listi, lahko iz ostankov od A4

MATEMATIKA:

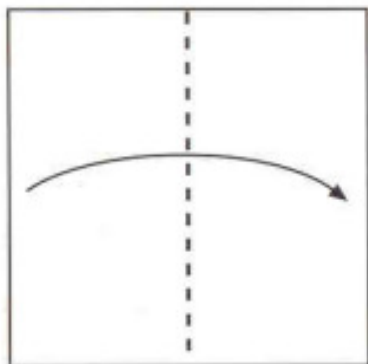
- Sestavi kocko tako, da bosta nasprotni mejni ploskvi enake barve.
 - Sestavi enobarvno kocko.
 - ... Koliko različnih kock lahko sestavimo iz 2 ali 3 barv?

MEJNE PLOSKVE



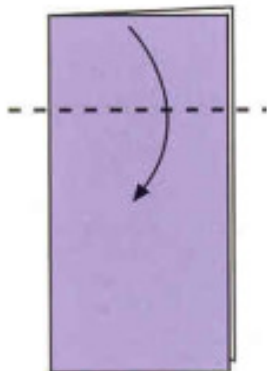
6

①



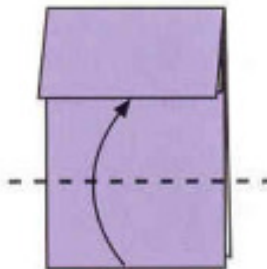
PREPOGNI

②



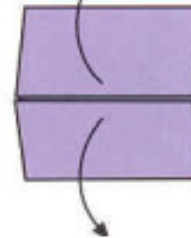
PREPOGNI

③



PREPOGNI

④



RAZPRI

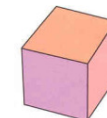
⑤



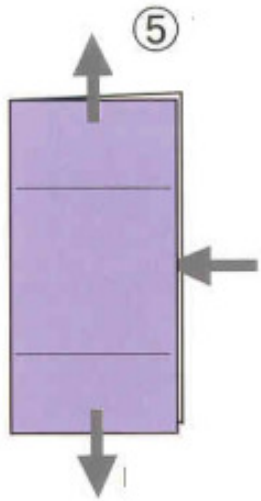
ŽEPEK

POTREBUJEMO 6
TAKŠNIH MODELOV

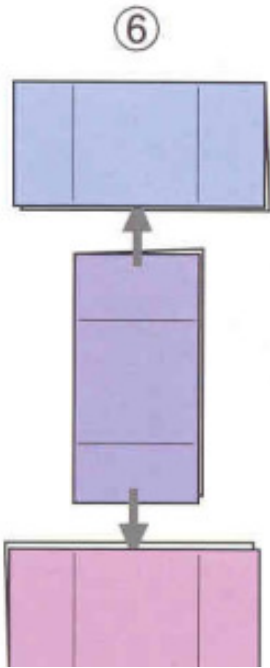
1/2



SESTAVLJANJE KOCKE

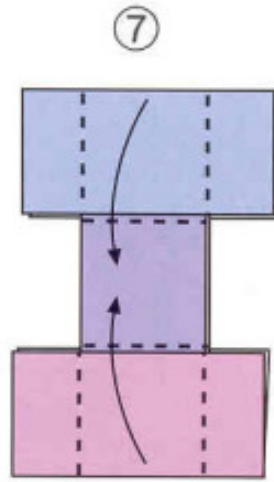


5



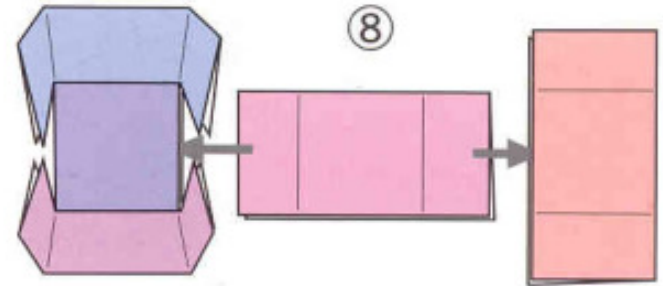
6

VSTAVI



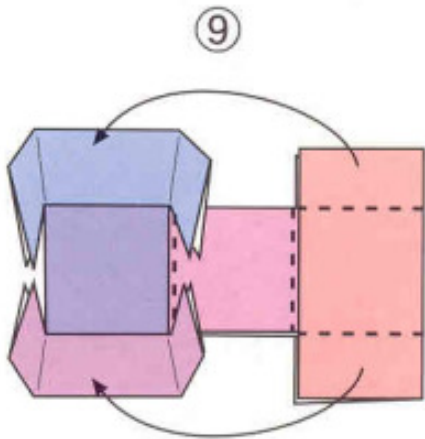
7

PREPOGNI



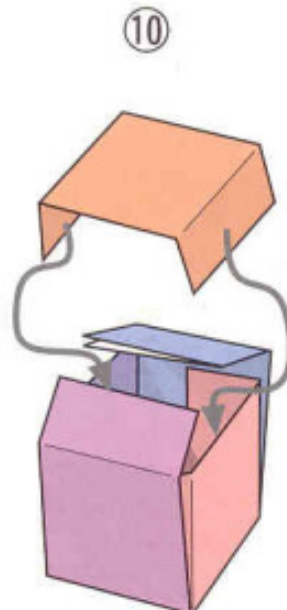
8

VSTAVI



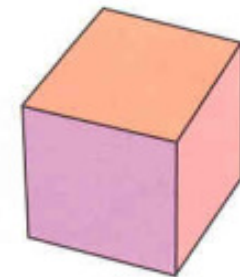
9

PREPOGNI
IN VSTAVI

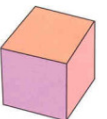


10

SESTAVI



2/2



DRUGE MOŽNOSTI

