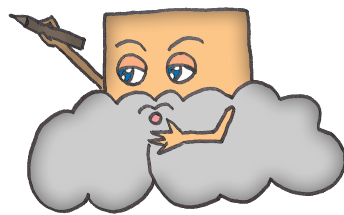
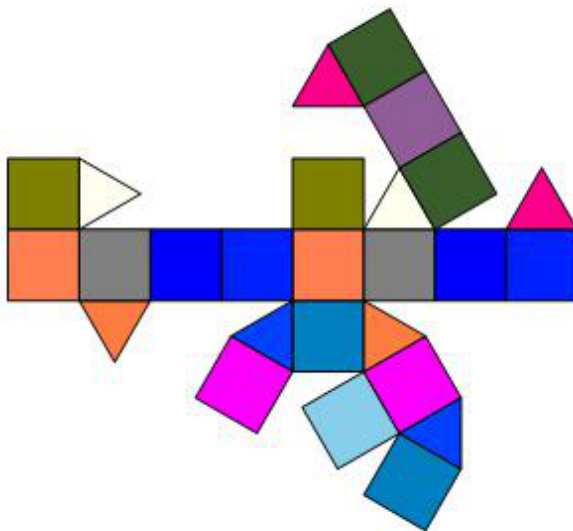


prof. Matemko



Simetrija mnogoterca

Okrnjeni kockin osmerek je podan s pobarvano mrežo.
Ugotovi tip rotacijske simetrije pobarvanega mnogoterca.

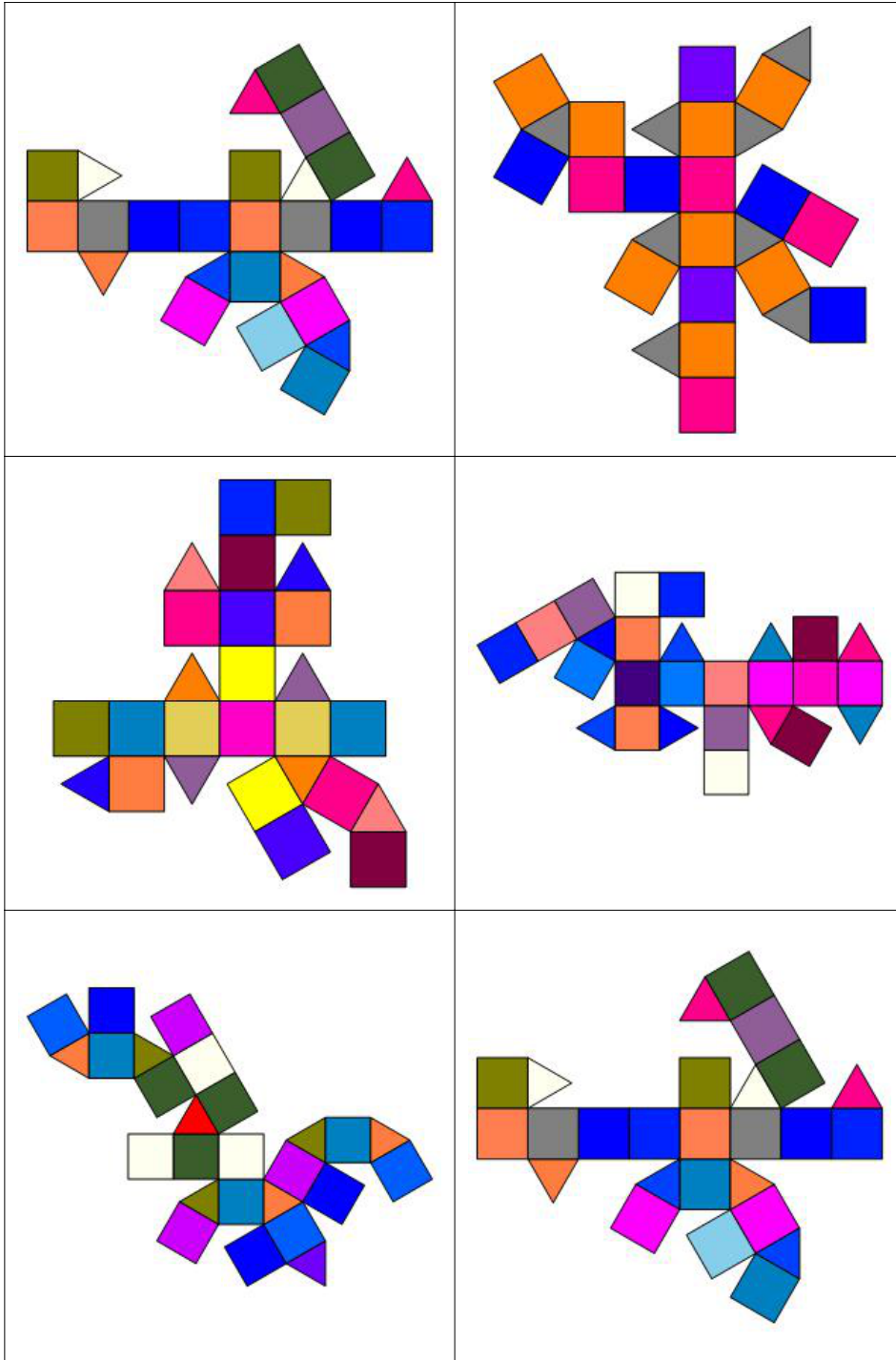


Odgovor

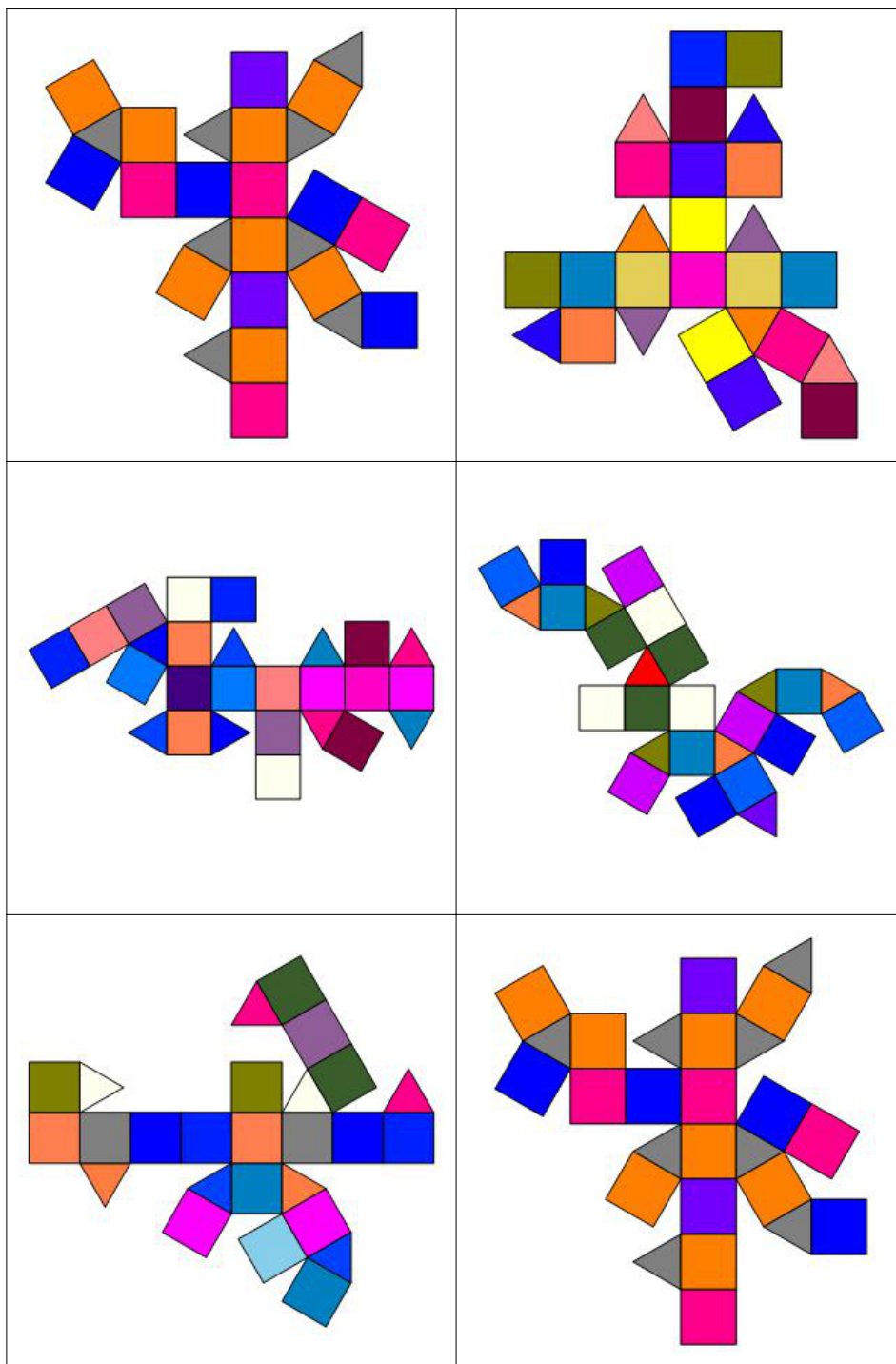
C_2

MATHEMA

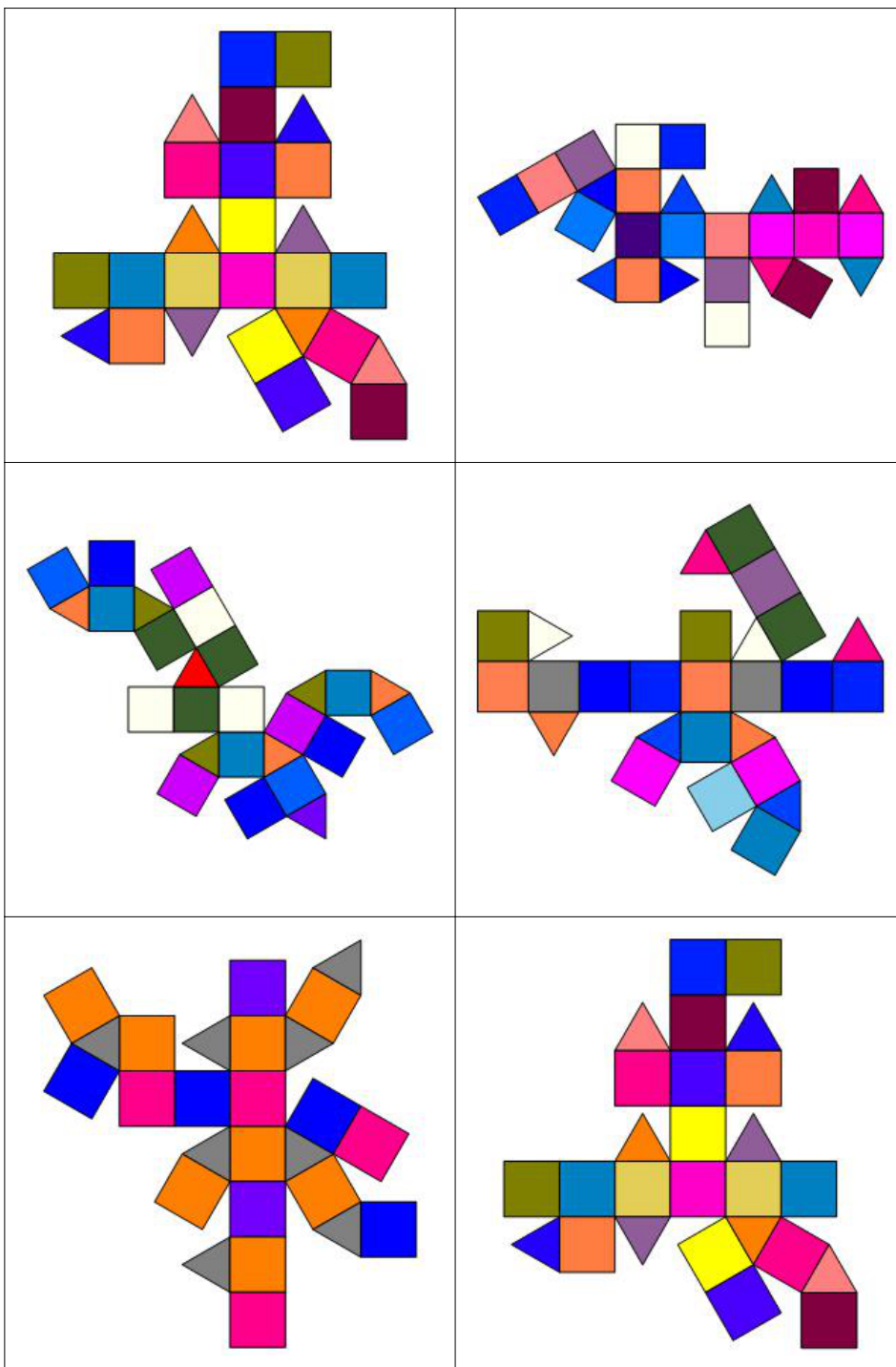
1.



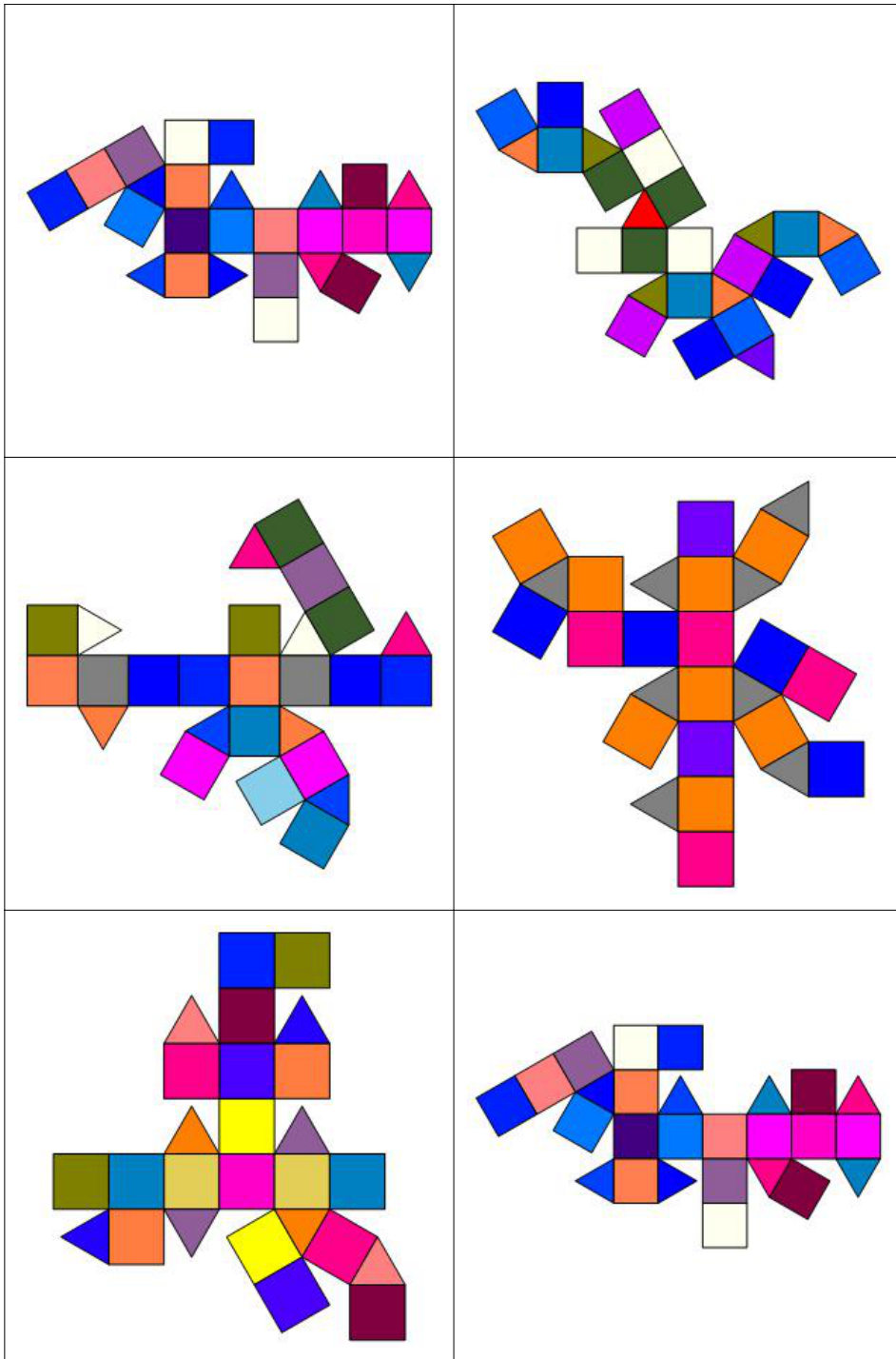
2.



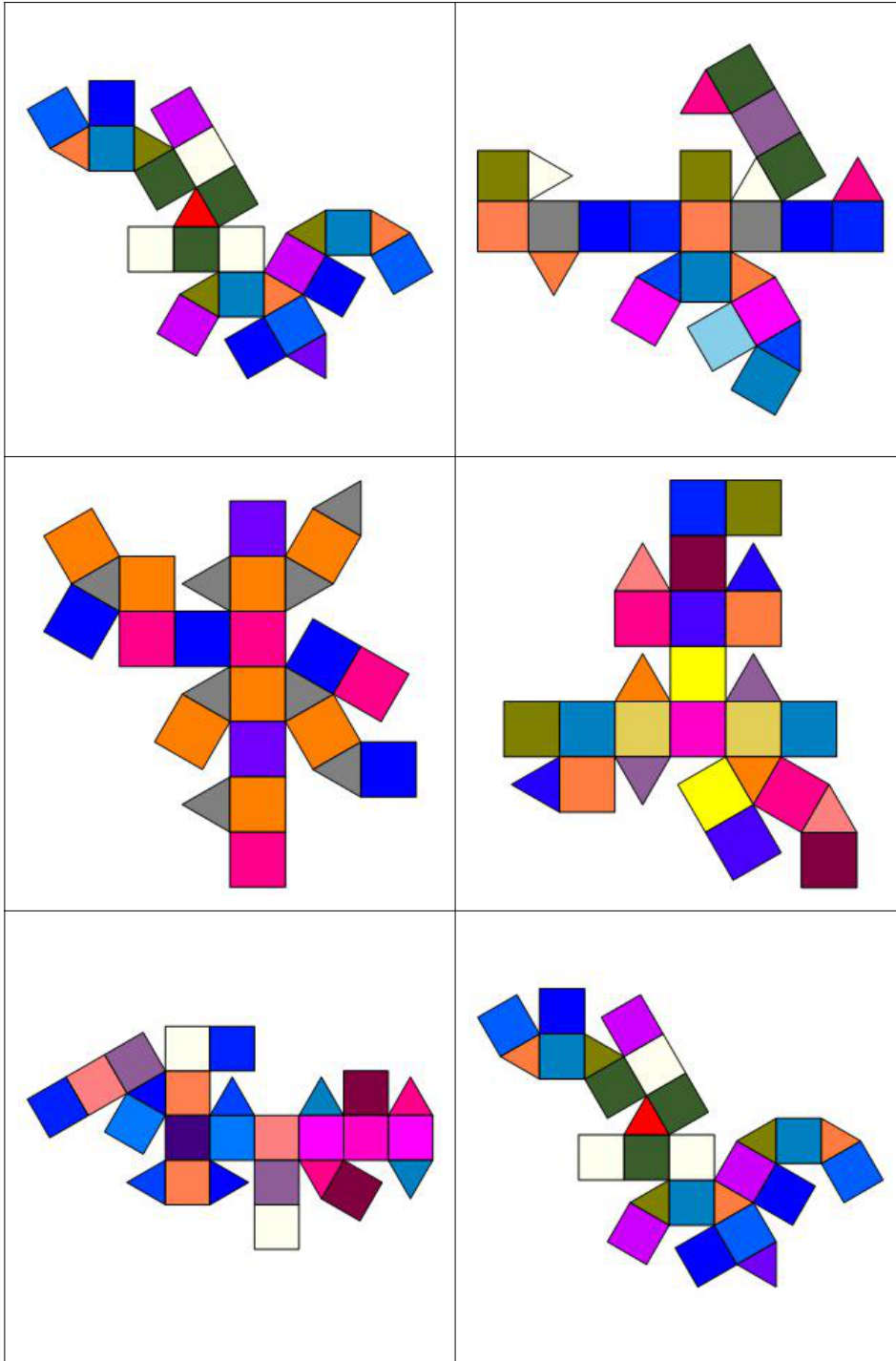
3.



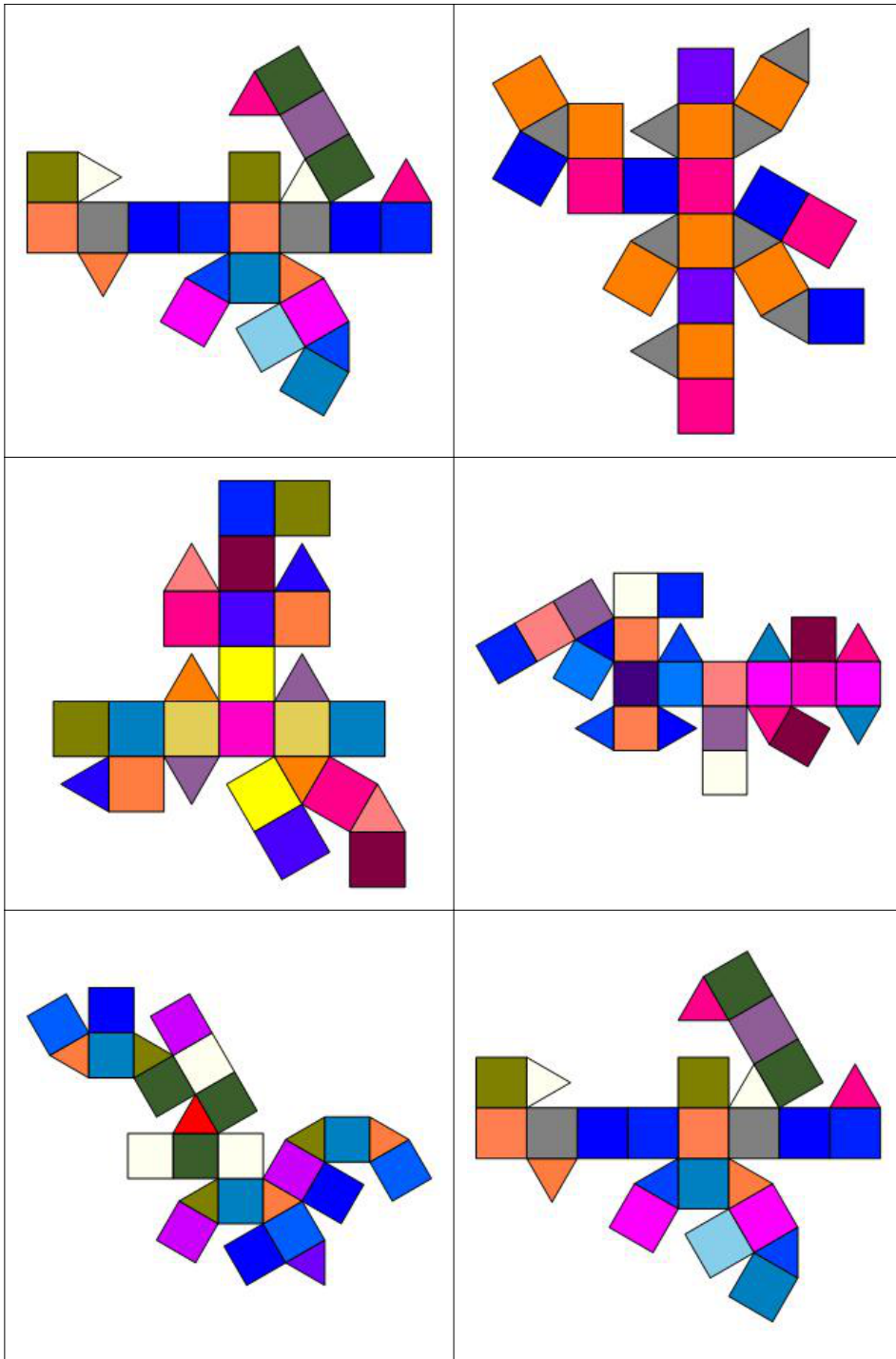
4.



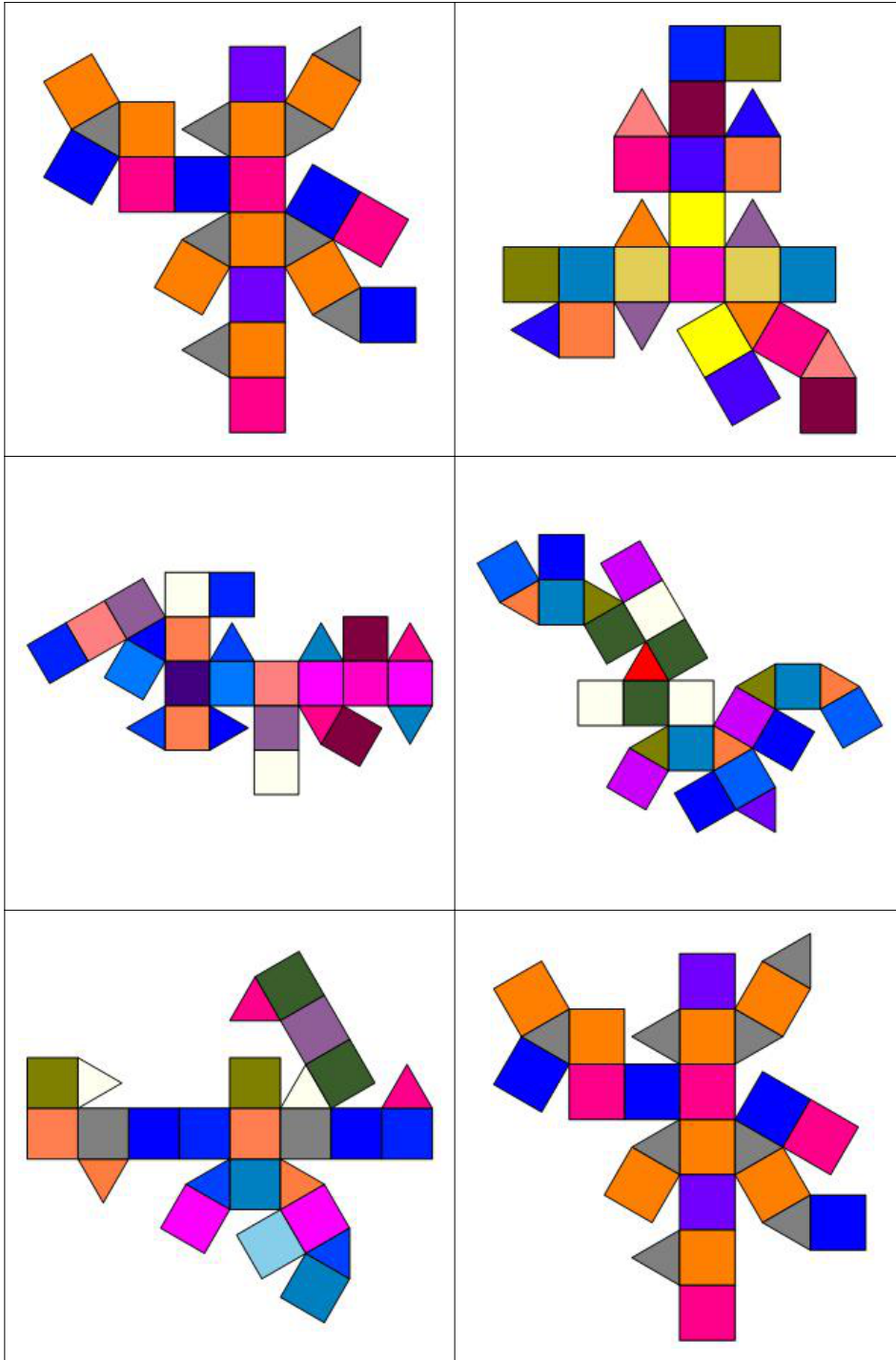
5.



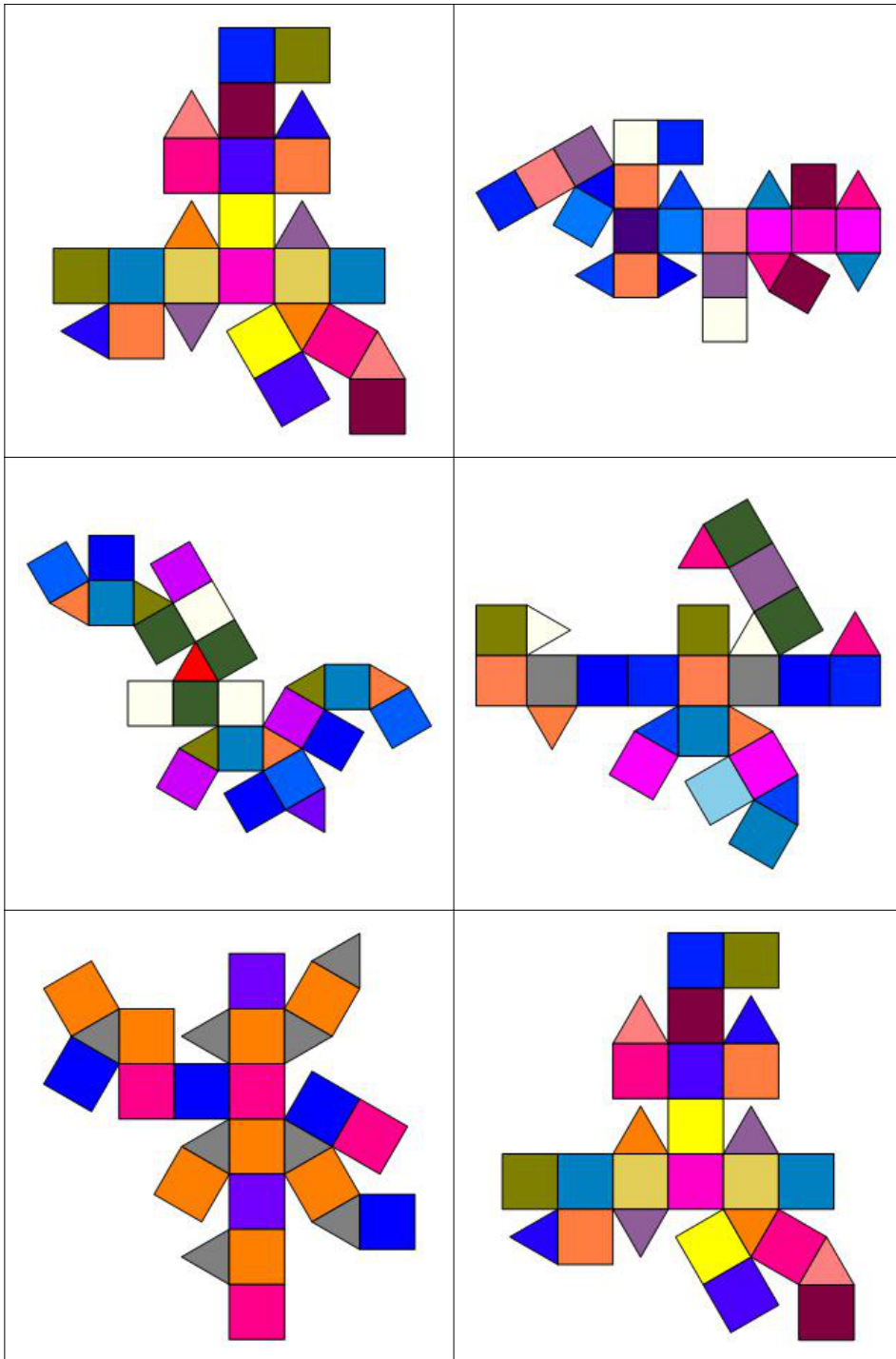
6.



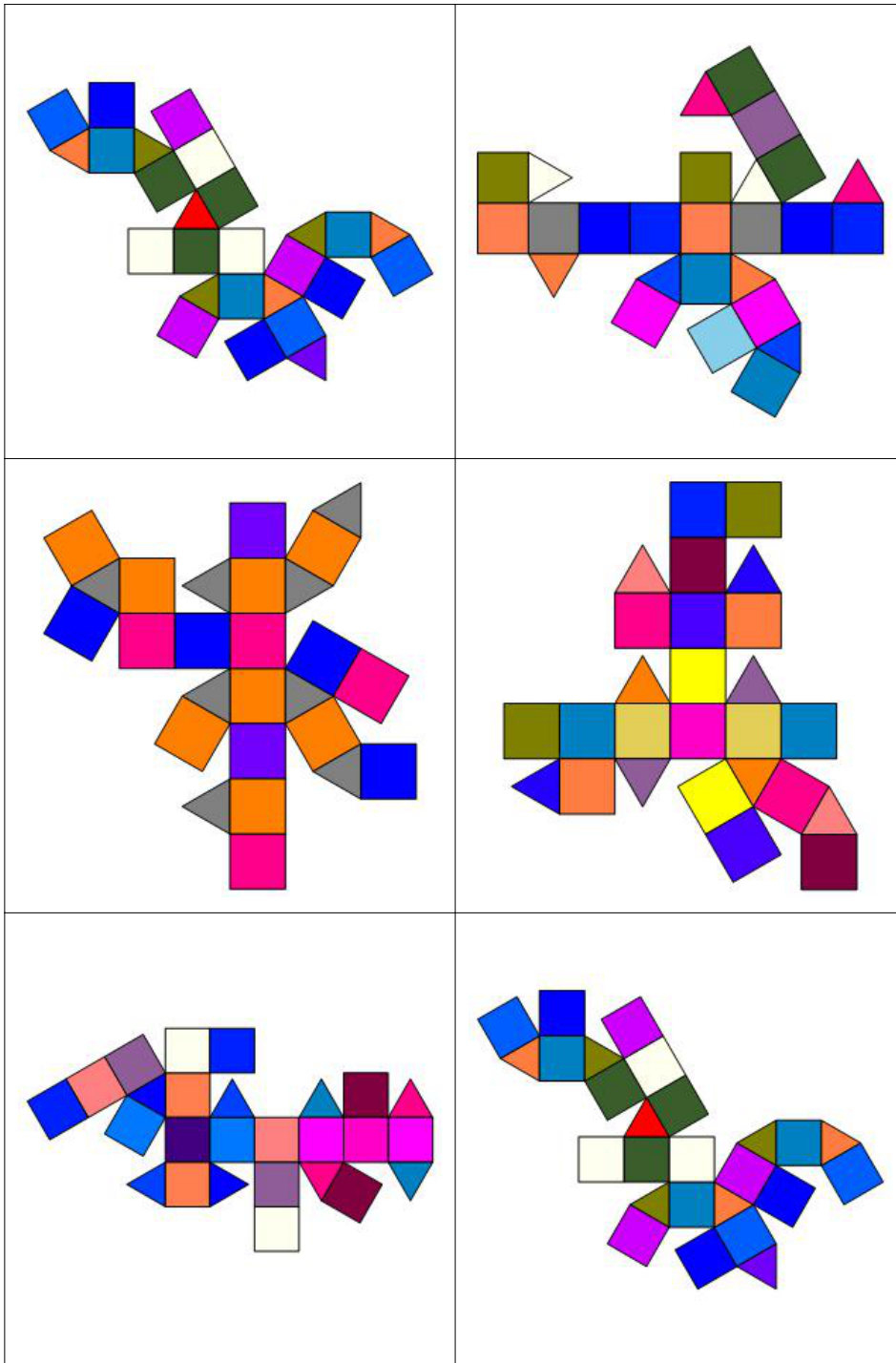
7.



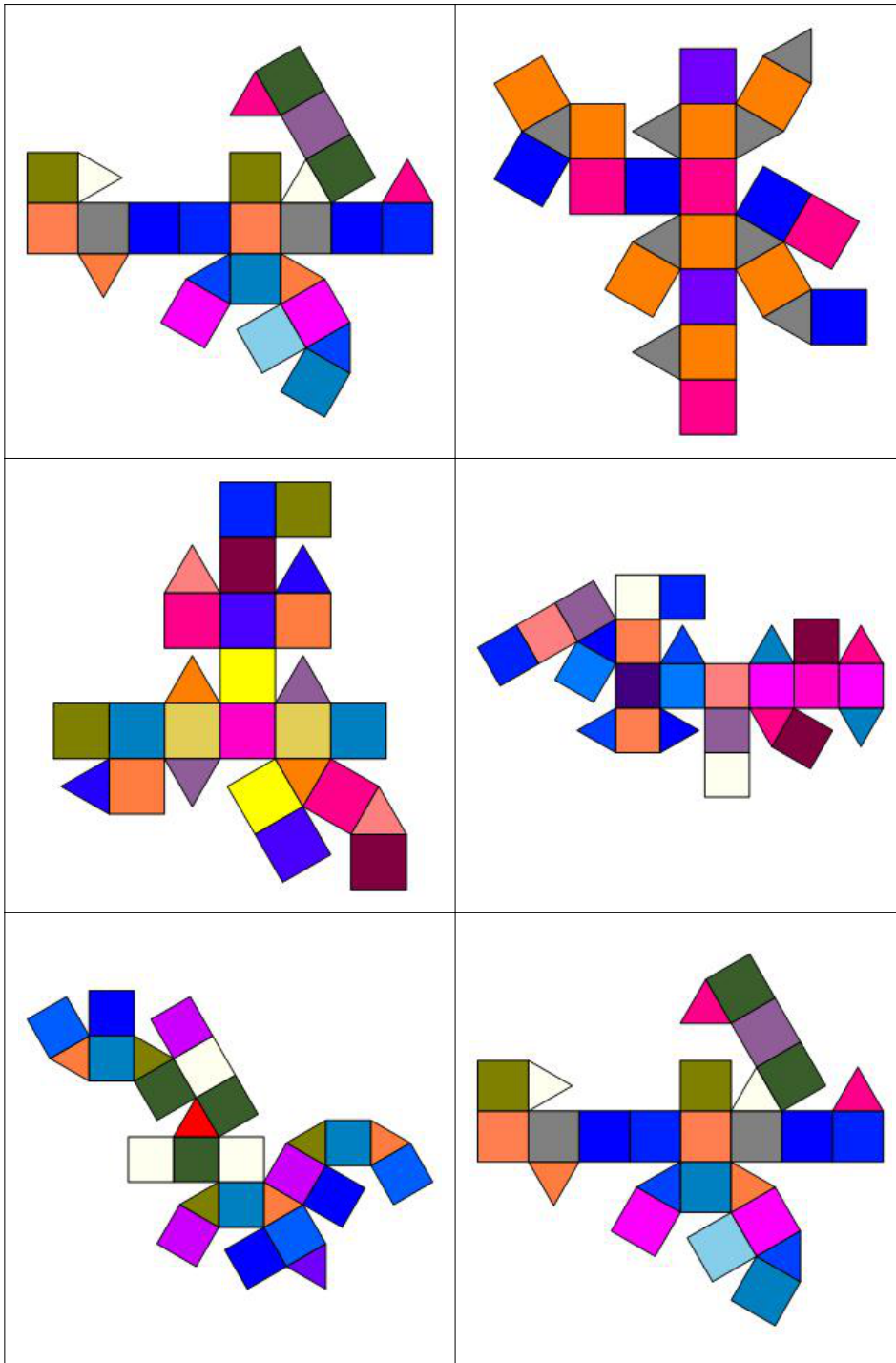
8.



10.



11.



Rešitve:

1.

C_2	D_4
C_2	C_2
C_3	C_2

2.

D_4	C_2
C_2	C_3
C_2	D_4

3.

C_2	C_2
C_3	C_2
D_4	C_2

4.

C_2	C_3
C_2	D_4
C_2	C_2

5.

C_3	C_2
D_4	C_2
C_2	C_3

6.

C_2	D_4
C_2	C_2
C_3	C_2

7.

D_4	C_2
C_2	C_3
C_2	D_4

8.

C_2	C_2
C_3	C_2
D_4	C_2

9.

C_2	C_3
C_2	D_4
C_2	C_2

10.

C_3	C_2
D_4	C_2
C_2	C_3

11.

C_2	D_4
C_2	C_2
C_3	C_2

Reference:

Izidor Hafner

"Octahedral Rotational Symmetry

Types <http://demonstrations.wolfram.com/OctahedralRotationalSymmetryTypes/Wolfram>

Demonstrations Project

Published: June 3, 2014