

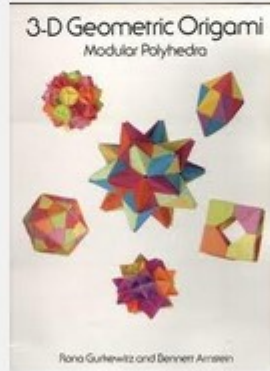
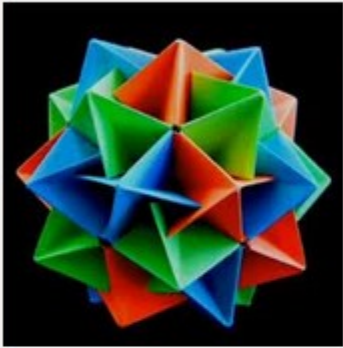
Geometrik Origami



İstanbul Kent Üniversitesi

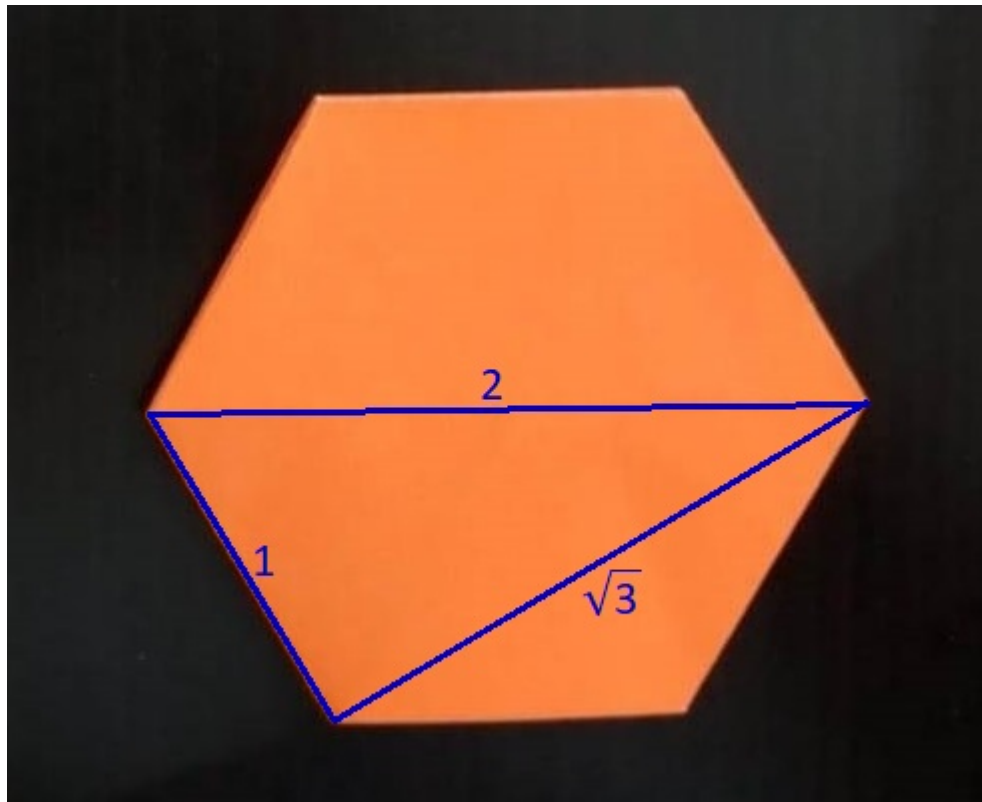
Aralık 2021

M Akif Eyer



Düzgün Altıgen

eyler.blogspot.com/2010/12/duzgun-altgen.html



Aspect Ratio

Genişlik/Yükseklik Oranı

$4/3$	Eski TV	1.333	
$\sqrt{2}$	Dörtgen	1.414	A4 kağıt
φ	Beşgen	1.618	Altın oran
$\sqrt{3}$	Altıgen	1.732	
$16/9$	Yeni TV	1.778	

Platonik Cisimler

Köşe sayısına göre sıra
Yüz sayısına göre isim

4. Tetrahedron - 4

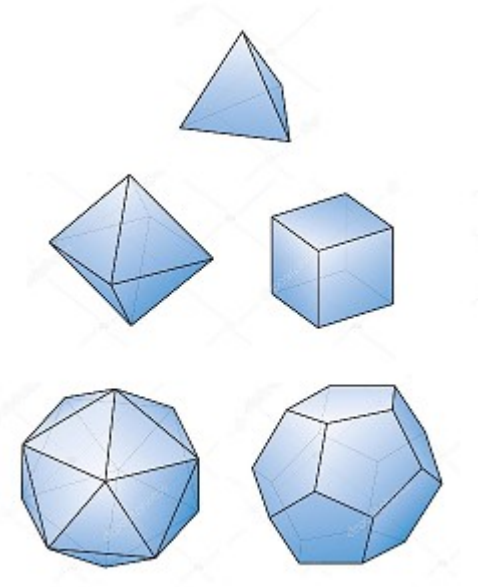
6. Octahedron - 8

8. Hexahedron - 6

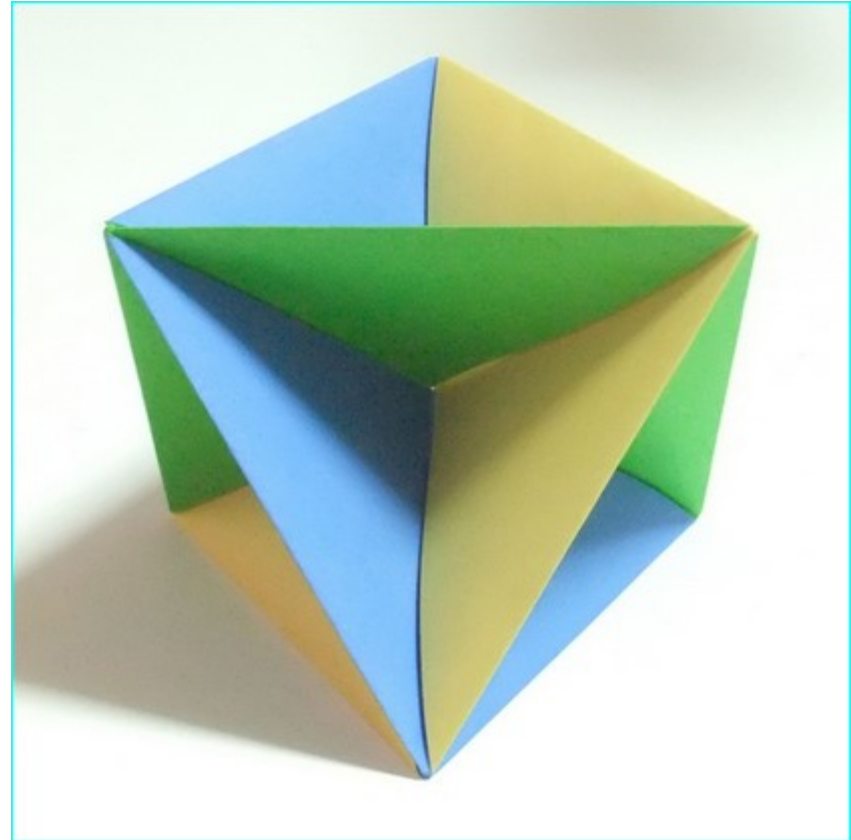
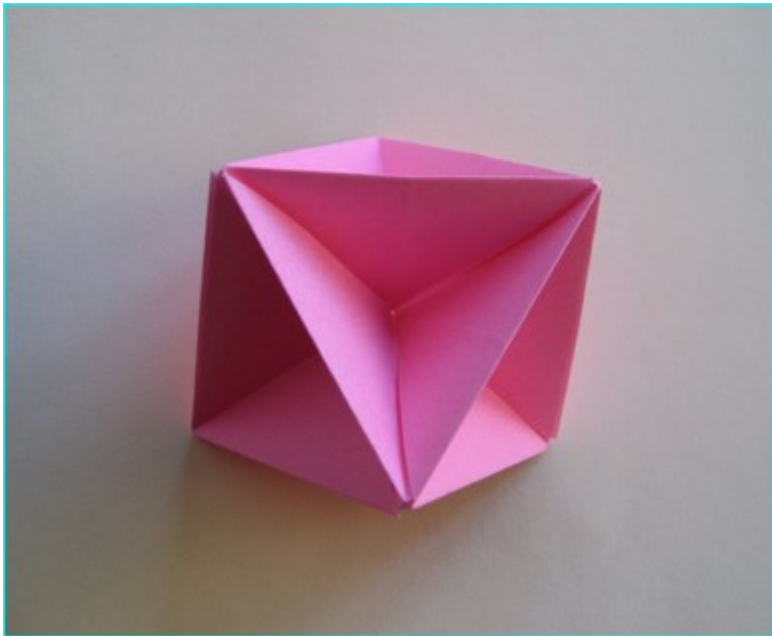
12. Icosahedron - 20

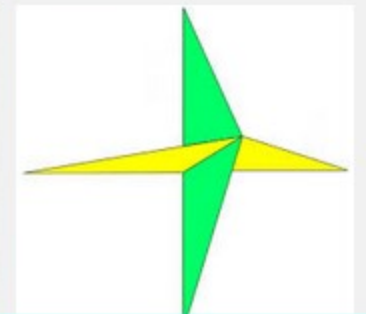
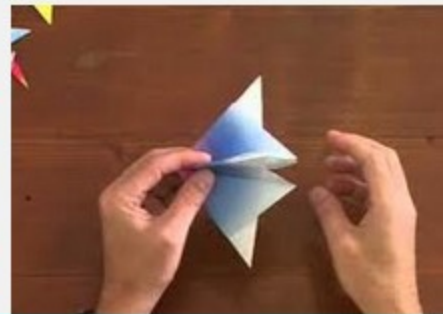
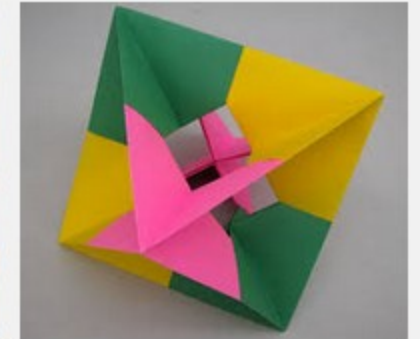
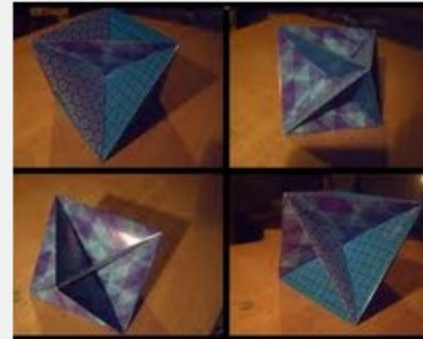
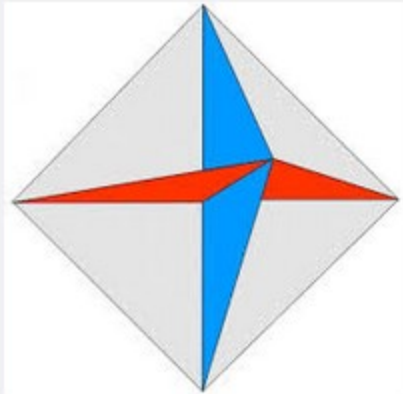
20. Dodecahedron - 12

20 köşeli Dodecahedron'un 12 yüzü var

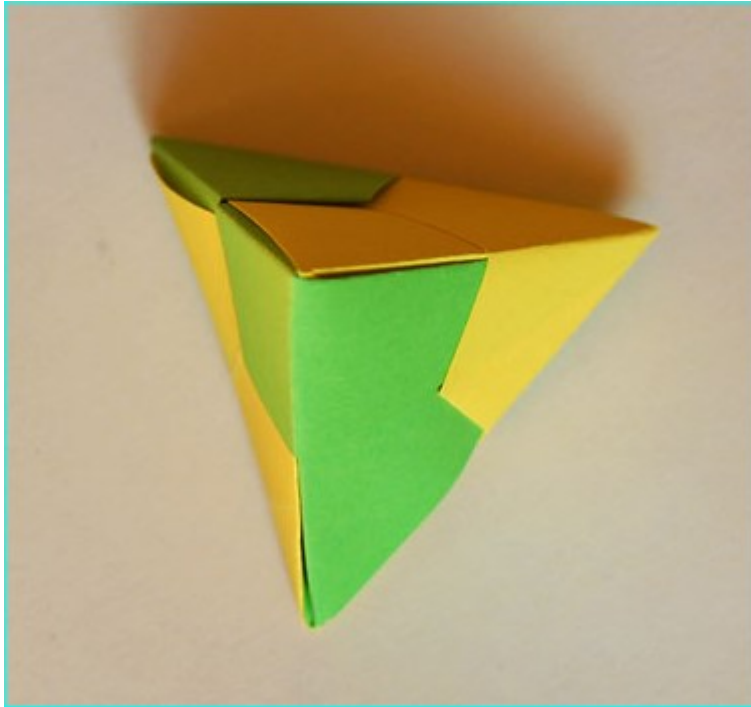


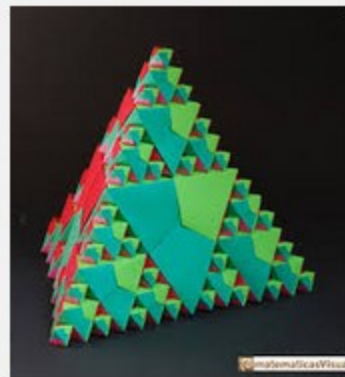
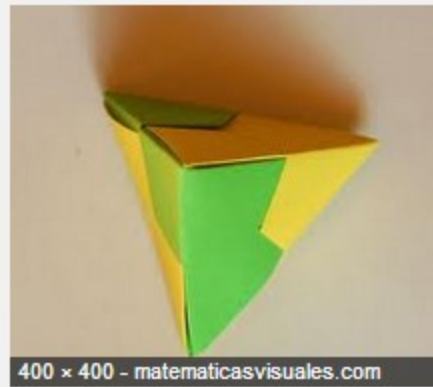
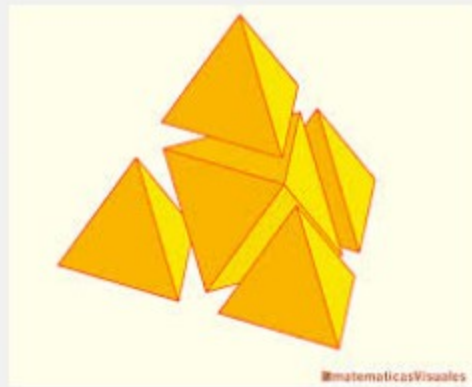
Skeletal octahedron



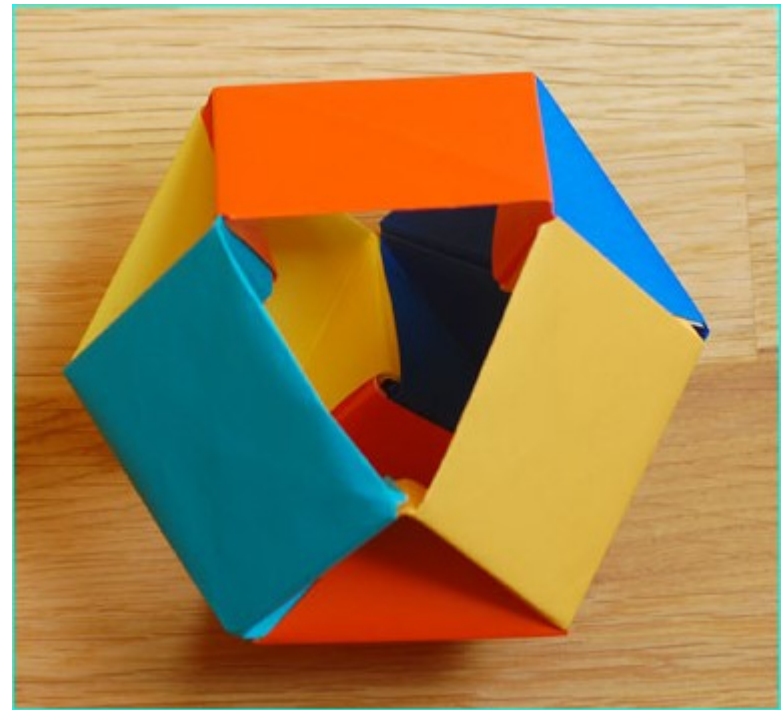


Tetrahedron & Octahedron





Cuboctahedron



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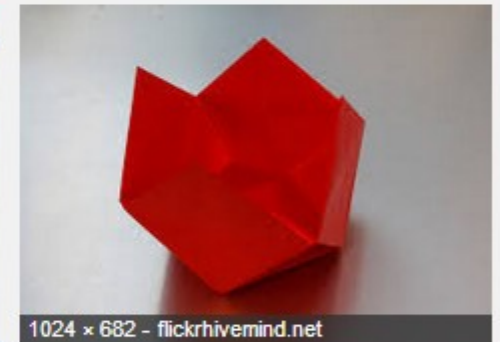
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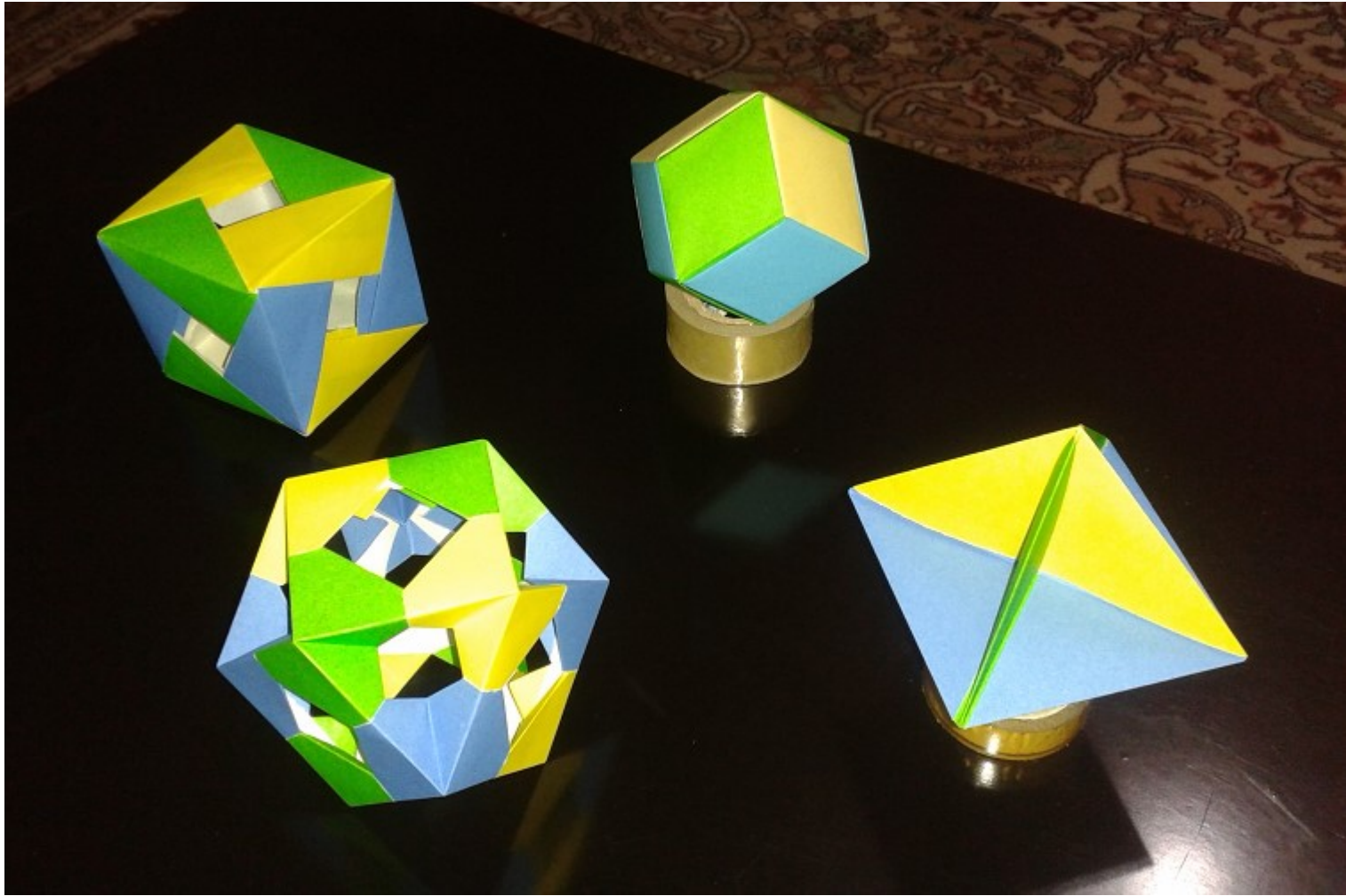
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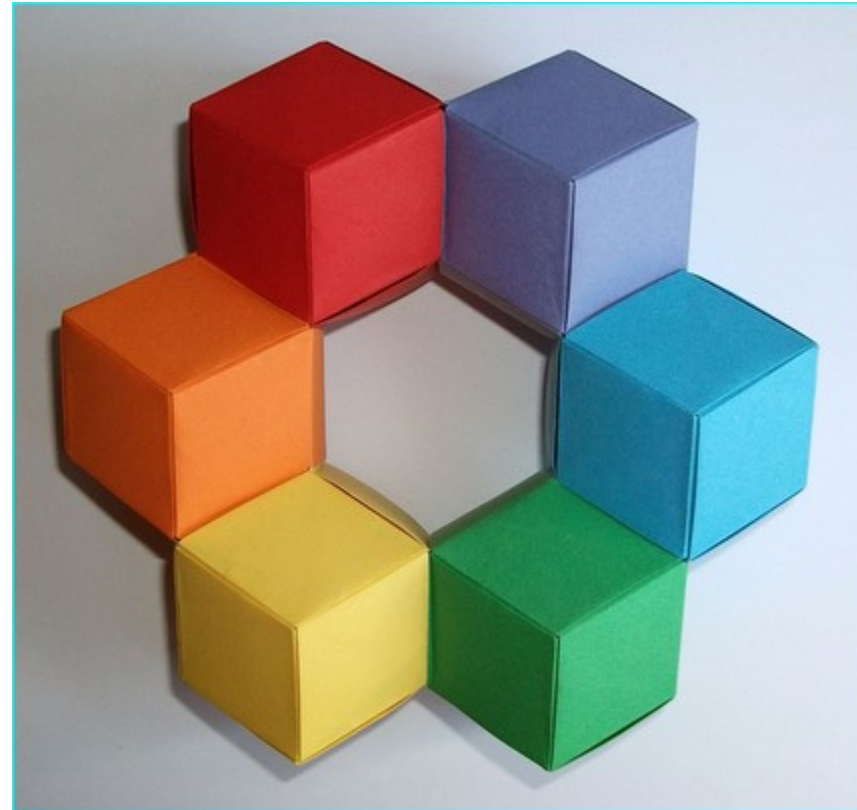
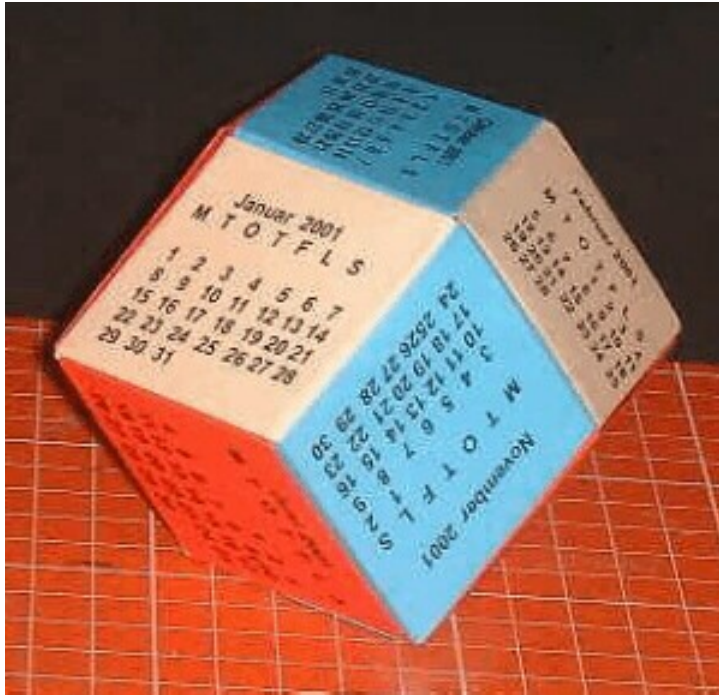
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<https://eyler.blogspot.com/2014/04/origami-mutluluk-verir.html>

Rhombic Dodecahedron



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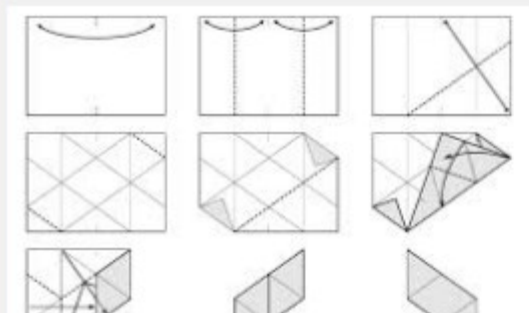
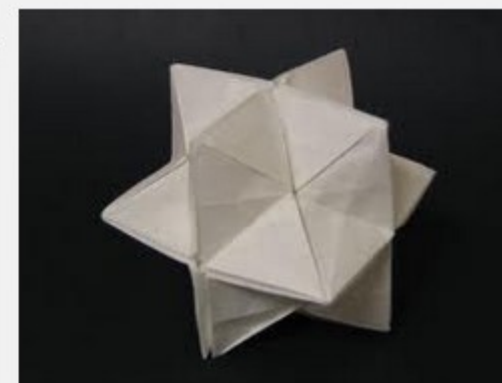
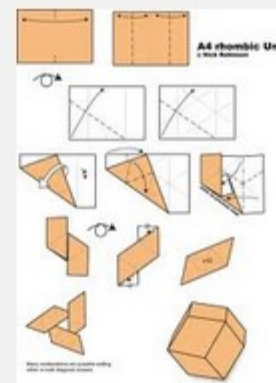
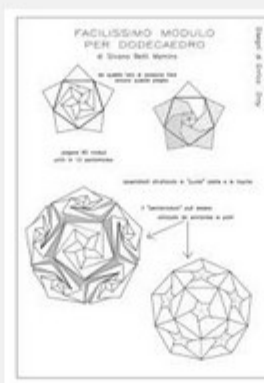
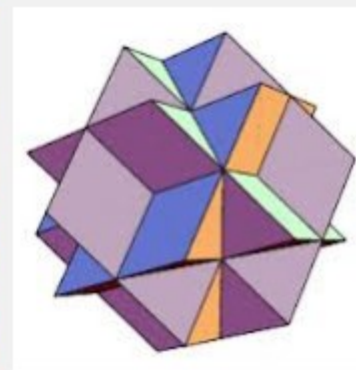
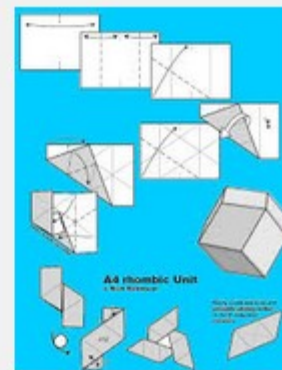
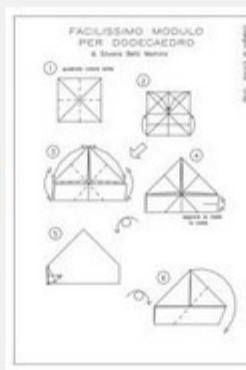
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Flexagon ve Hexagon



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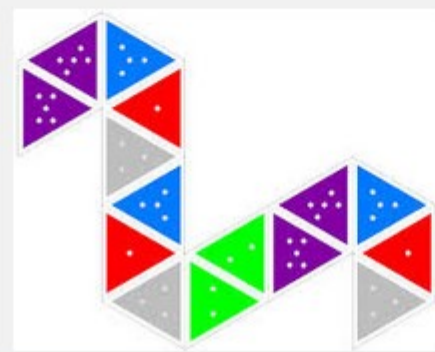
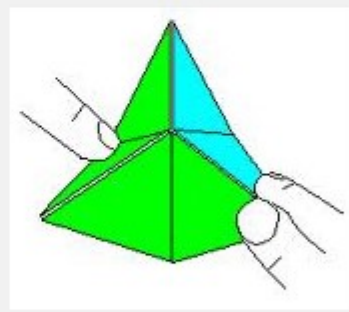
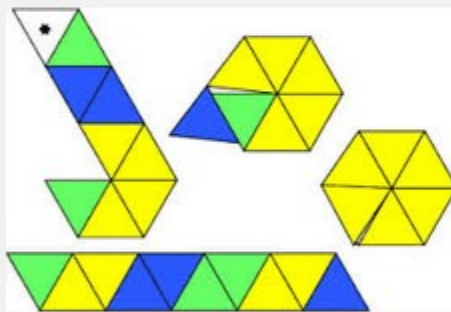
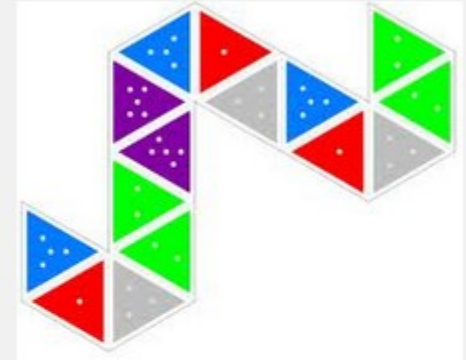
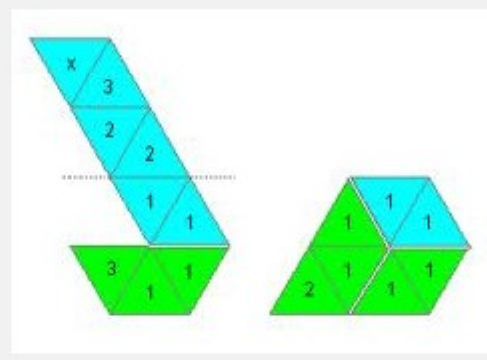
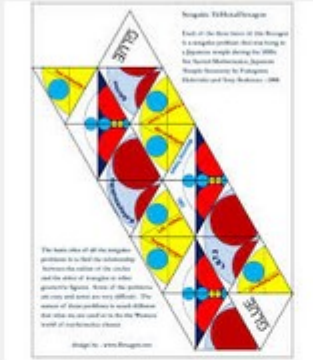
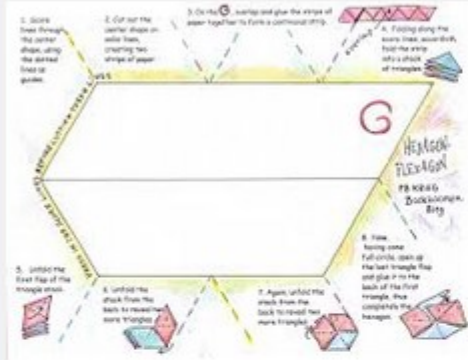
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Truncated tetrahedron



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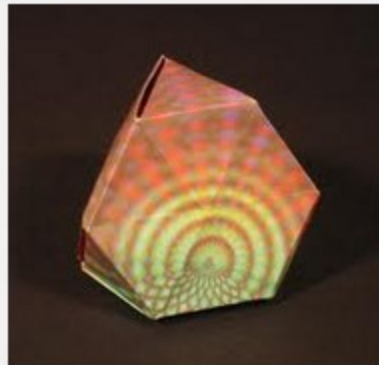
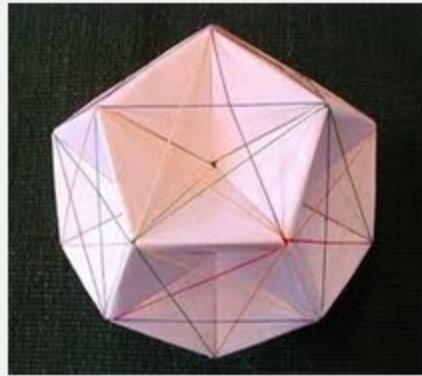
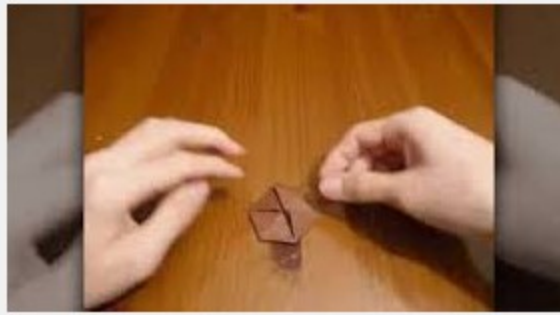
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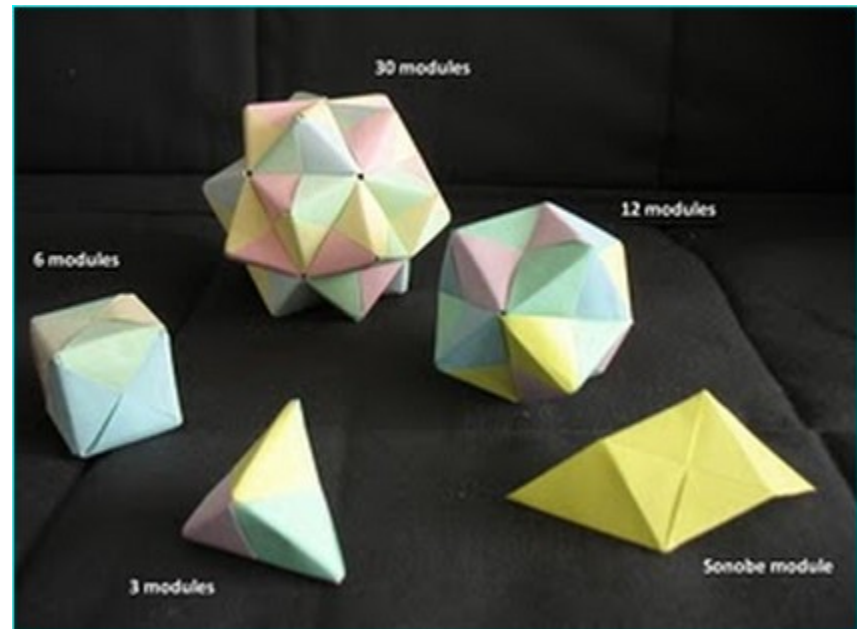
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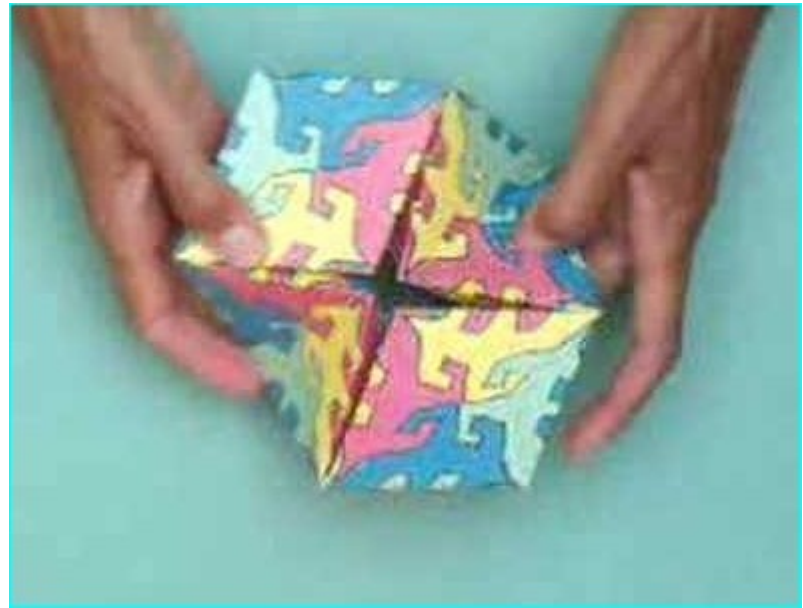
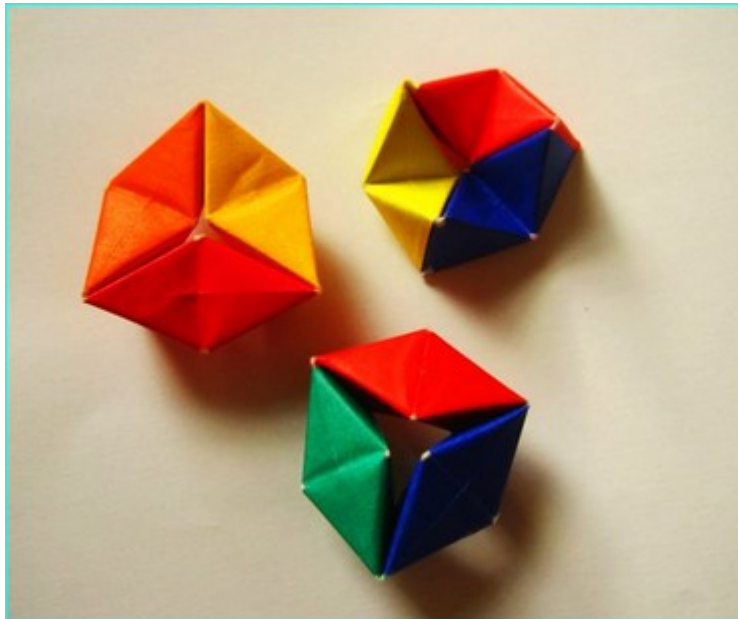


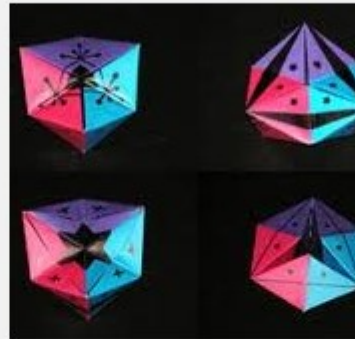
Sonobe cube



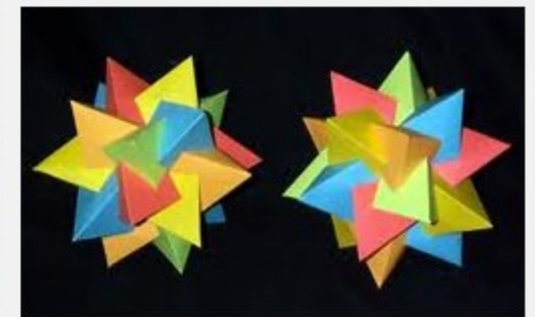
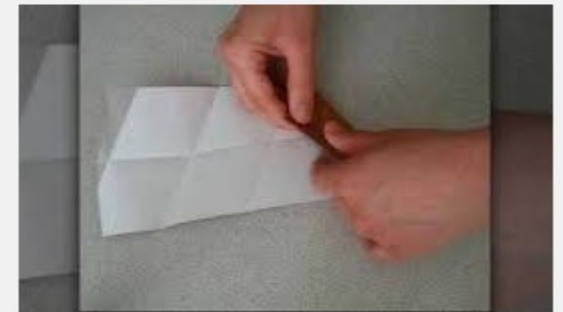
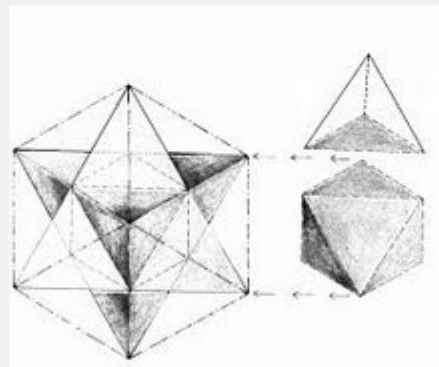


Rotating tetrahedron





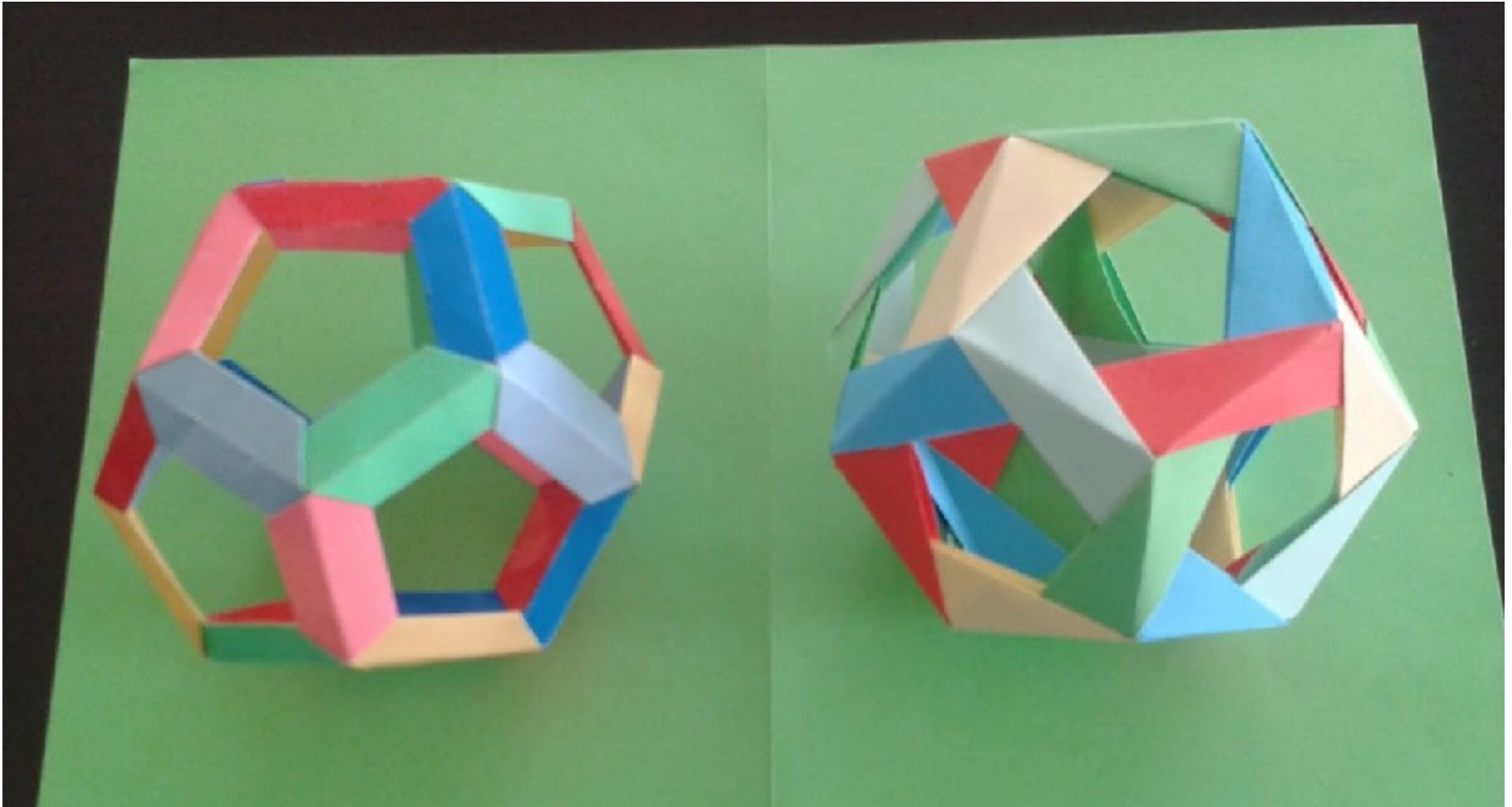
www.PlatonicSolids.info



Üsküdar, 2014



Dodecahedron



<https://eyler.blogspot.com/2014/05/bir-origami-eserinin-dogusu.html>

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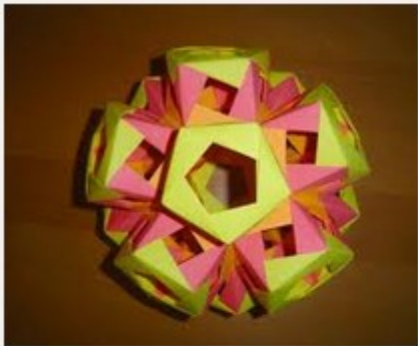
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Platonik Cisimler

Köşe sayısına göre sıra
Yüz sayısına göre isim

4. Tetrahedron - 4

6. Octahedron - 8

8. Hexahedron - 6

12. Icosahedron - 20

20. Dodecahedron - 12

20 köşeli Dodecahedron'un 12 yüzü var

