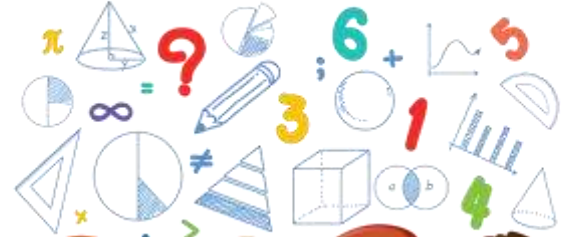


İlkokul



MATEMATİK

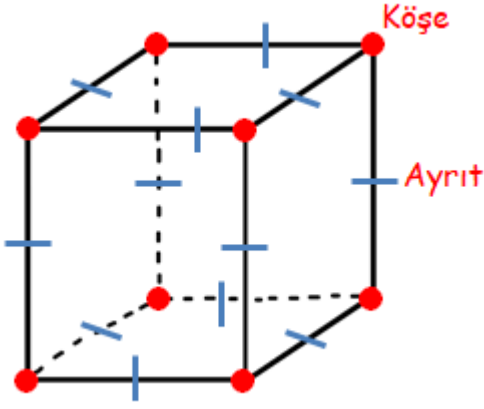
MATHEMATICS

KÜPÜN ÖZELLİKLERİ

EŞ KÜPLERLE YAPI OLUŞTURALIM



KÜPÜN ÖZELLİKLERİ



- Küpün 6 yüzü vardır.
- Yüzlerinin her biri birbirine eşit karesel bölgedir.
- Küpün 8 köşesi vardır.
- Küpün 12 ayrıtı (kenarı) vardır.
- Ayrıtlarının uzunlukları birbirine eşittir.

KÜPÜN AÇILIMI:

Küpün 11 tane farklı açılımı vardır.

Bu açılımlar aşağıda verilmiştir.



1

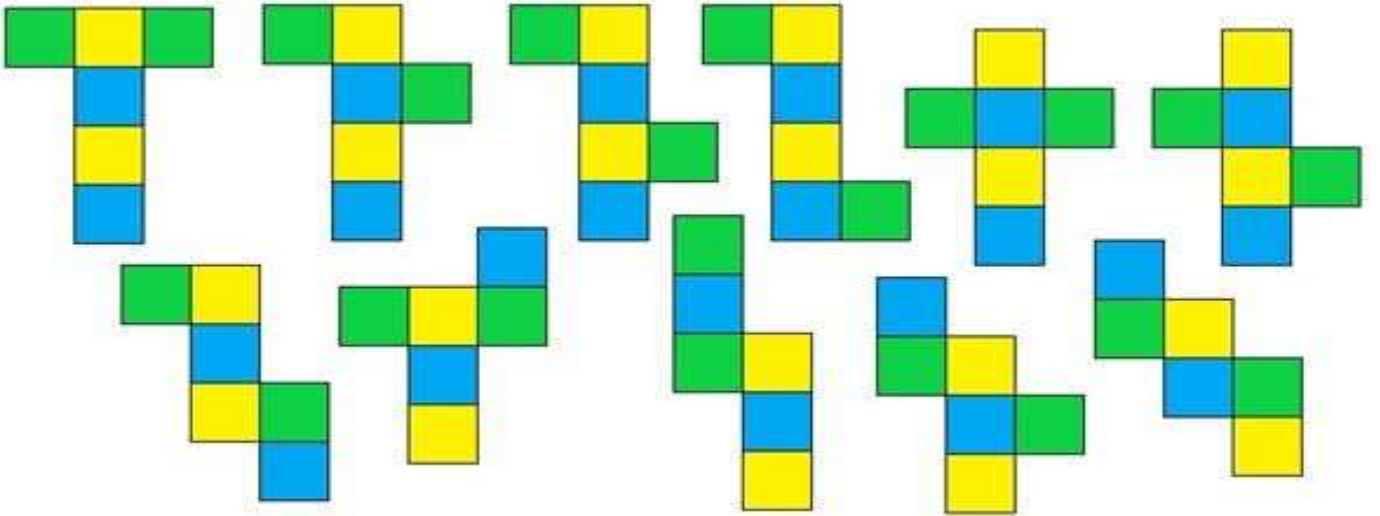
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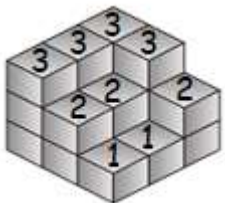
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EŞ KÜPLERLE YAPI OLUŞTURMA:



Her küp sırasının üzerine o sırada aşağıdan yukarıya doğru kaç küp olduğunu örnekteki gibi yazarız.

Tüm küp sıralarının üzerine sayısı yazıldıktan sonra en üstte bulunan küplerin üzerine yazmış olduğumuz sayıları toplarız. Böylece modelin kaç küpten oluşmuş olduğunu bulmuş oluruz.

$$3 + 3 + 3 + 3 + 2 + 2 + 1 + 1 + 2 = 20 \text{ birim küpten oluşmuştur.}$$

Müslüm
TEKİN

ETKİNLİK 1:

Aşağıdaki açılımlardan küpe ait olanların altında bulunan kutucuğu boyayınız.



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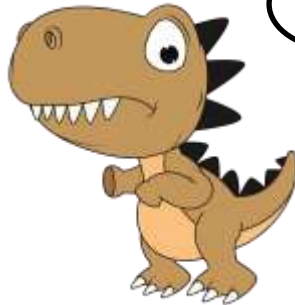
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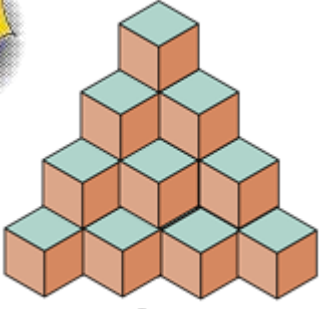


Müslüm
TEKİN

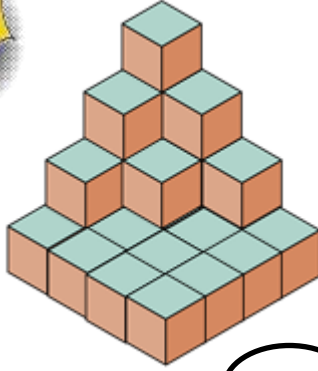
ETKİNLİK 2:

Aşağıda izometrik kâğıda çizili olarak verilen yapıların kaç küpten oluştuğunu bularak altındaki kutulara yazınız.

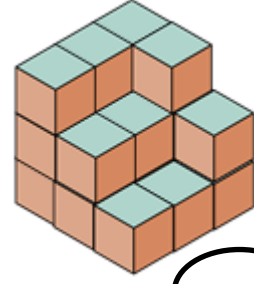
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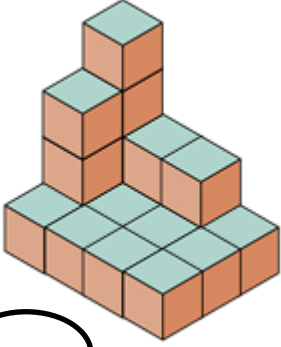
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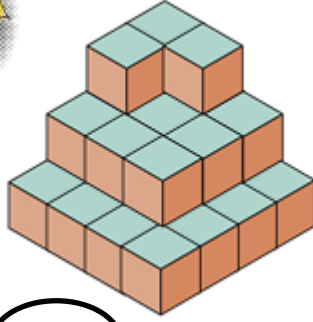
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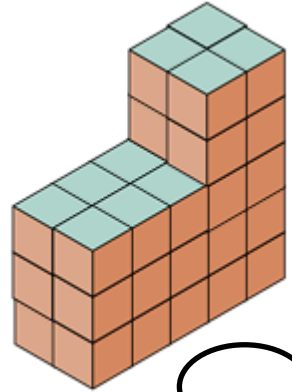
4



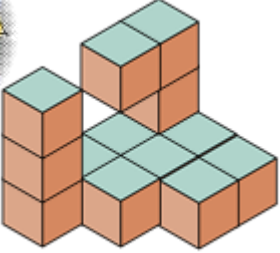
5



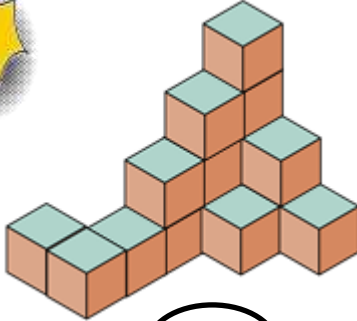
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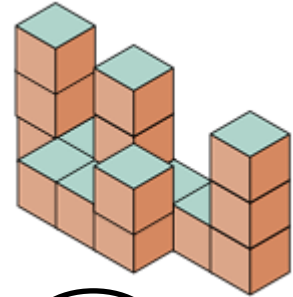
7



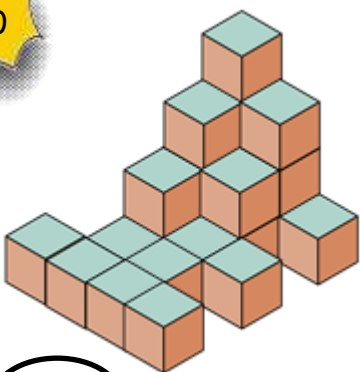
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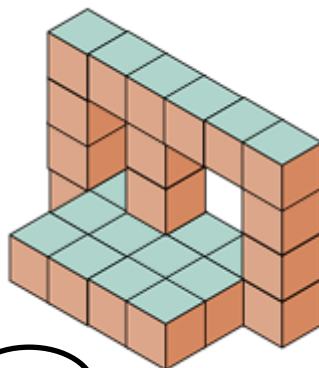
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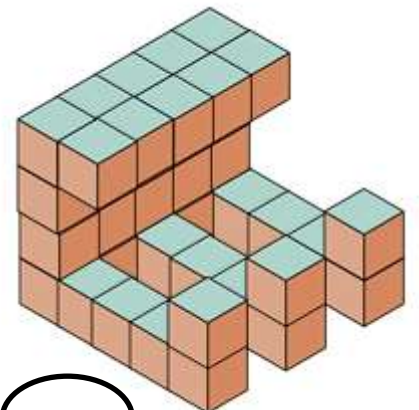
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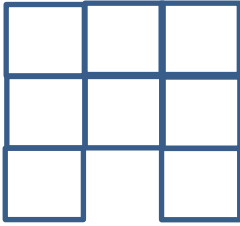
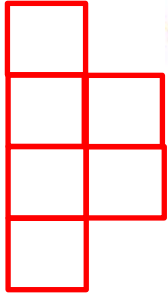
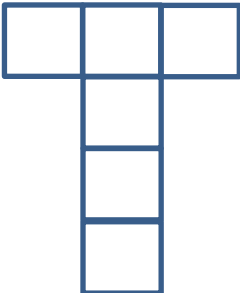
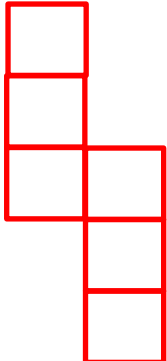

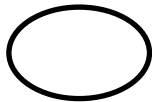
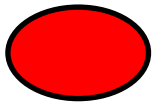
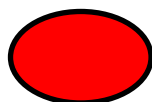
12

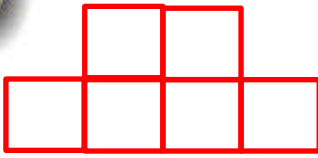
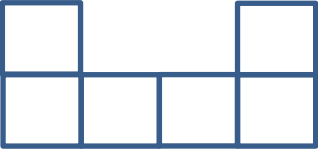
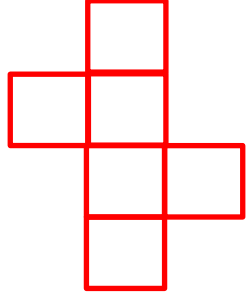
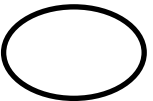
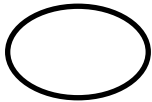
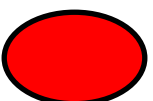


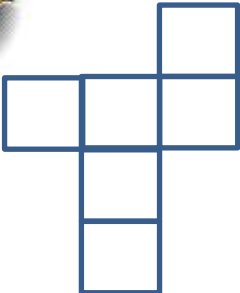
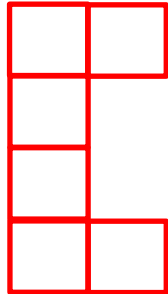
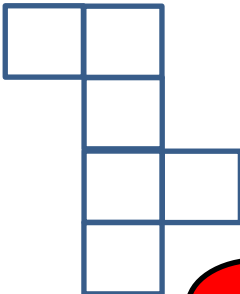
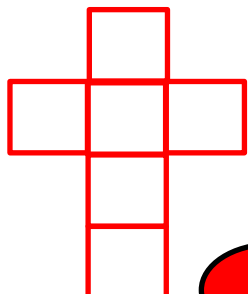
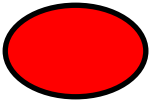
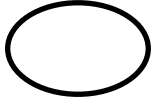
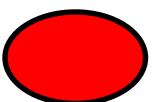
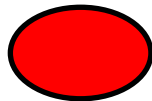
Müslüm
TEKİN

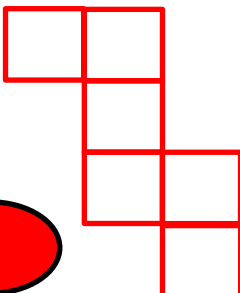
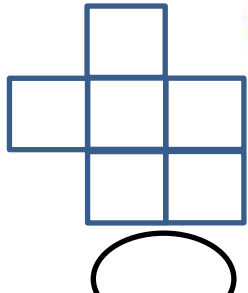
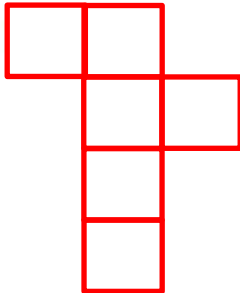
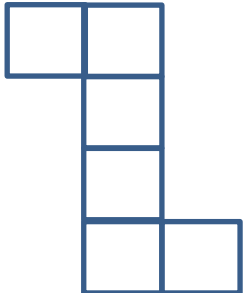
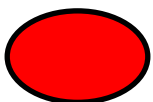

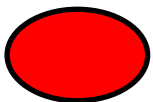
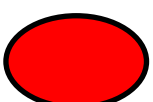
ETKİNLİK 1:

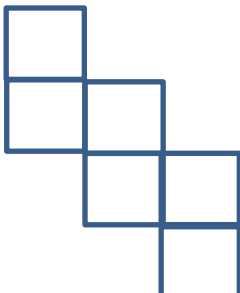
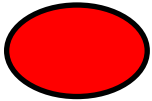
Aşağıdaki açılımlardan küpe ait olanların altında bulunan kutucuğu boyayınız.

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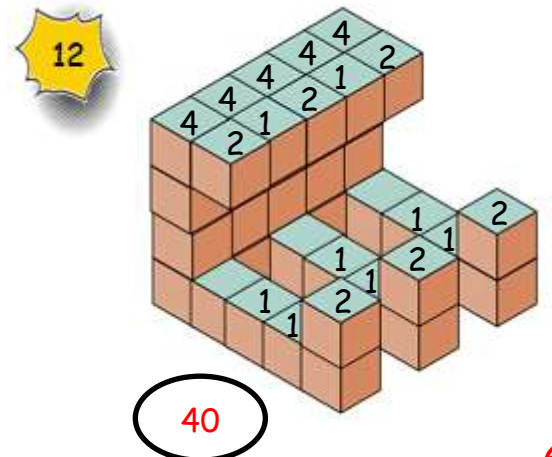
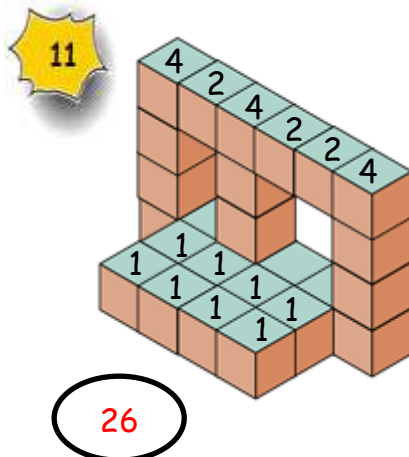
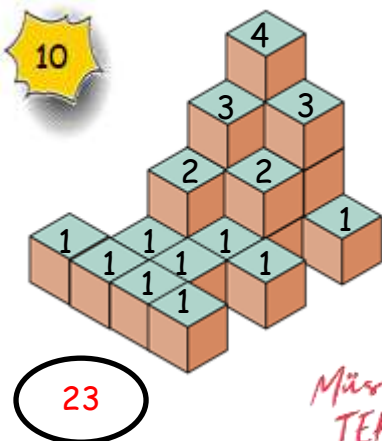
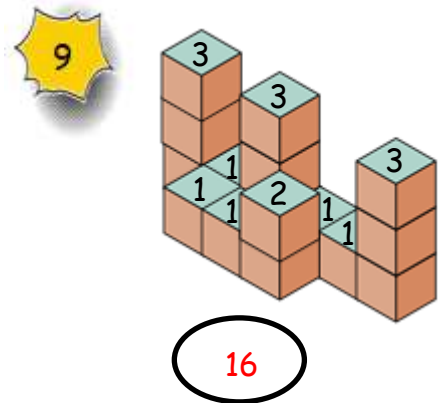
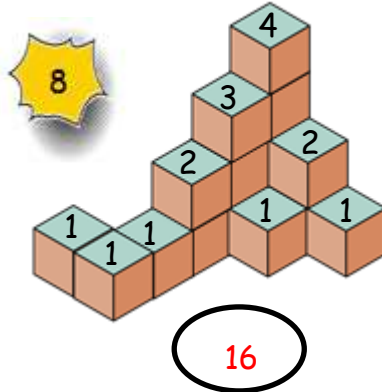
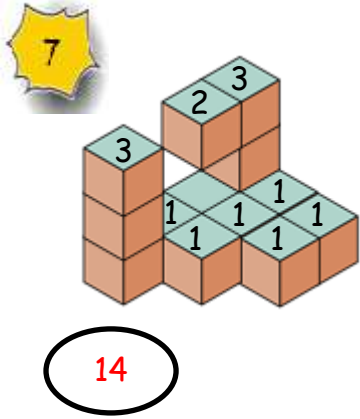
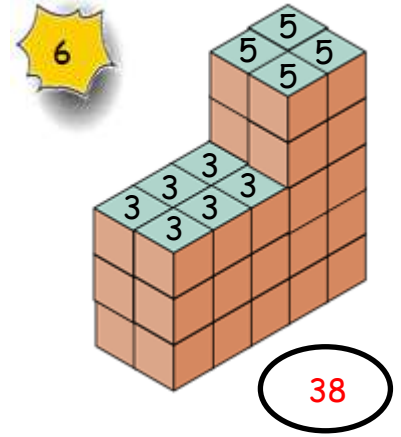
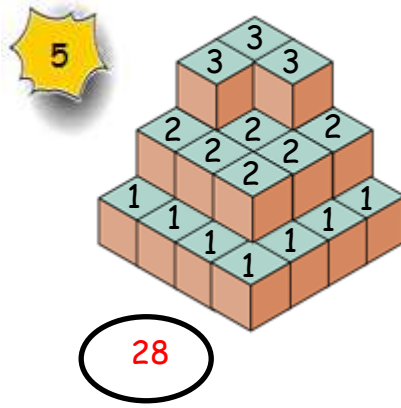
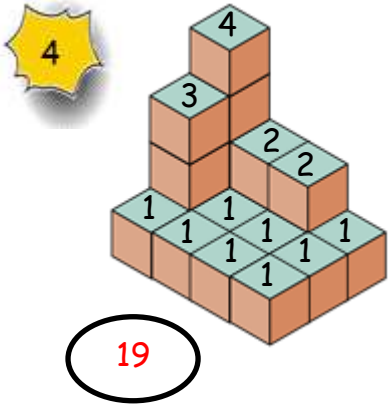
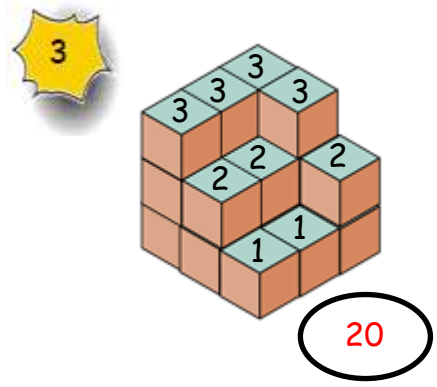
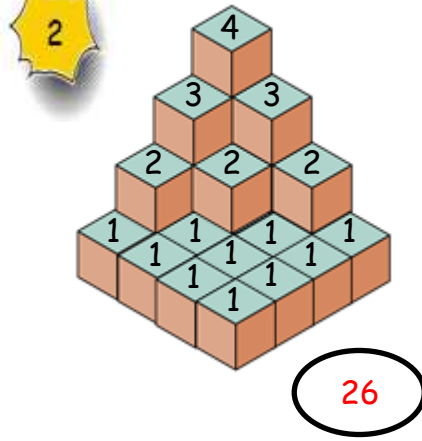
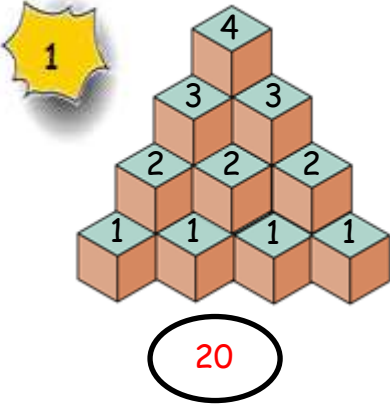
12  13  14  15 
   

16  

Müslüm
TEKİN

ETKİNLİK 2:

Aşağıda izometrik kâğıda çizili olarak verilen yapıların kaç küpten oluştuğunu bularak altındaki kutulara yazınız.



Mislim
TEKİN