

5.

ŞEKİLSEL OYUNLAR

Amaç görsel işleme becerilerini geliştirmek ve hızlandırmaktır. Kullanıcının şekiller arasında bağ kurabilme, örüntüleri algılayabilme, eksik ya da fazla parçaları belirleyebilme, cisimleri üç boyutlu olarak aklında canlandırabilme alışkanlıklarını kazanması hedeflenmektedir.

İlgili Yetenek Alanları:

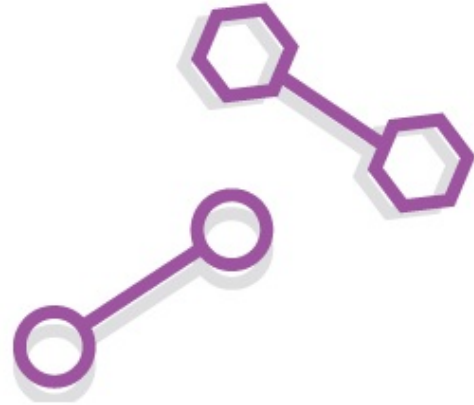
• Görsel İşleme

- Uzamsal İlişkiler
- Görselleştirme
- Kapama Hızı
- Kapama Esnekliği



5.ŞEKİLSEL OYUNLAR

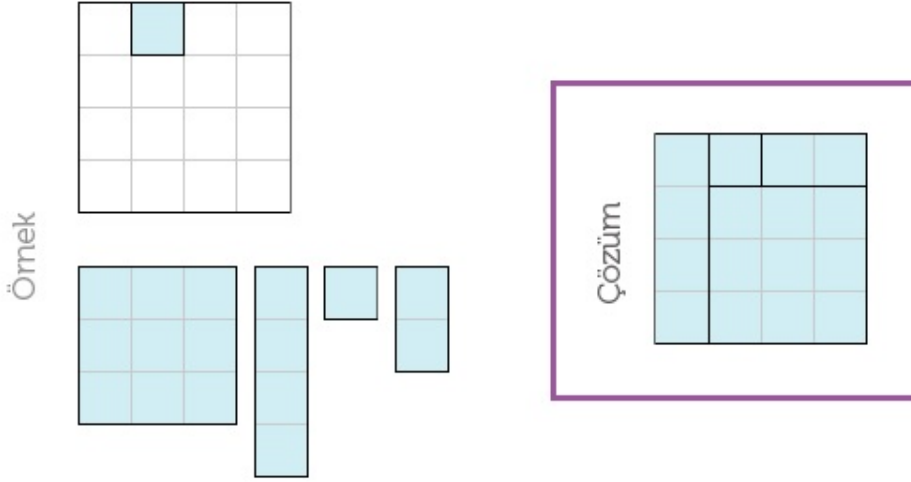
DİKDÖRTGENLER, ALTİGENLER, KÜP BLOKLAR,
KÜP1, KÜP2, KÜP3, KÜP4, SAYMA OYUNLARI, ALTI
"L", KİBRİTLER



DİKDÖRTGENLER

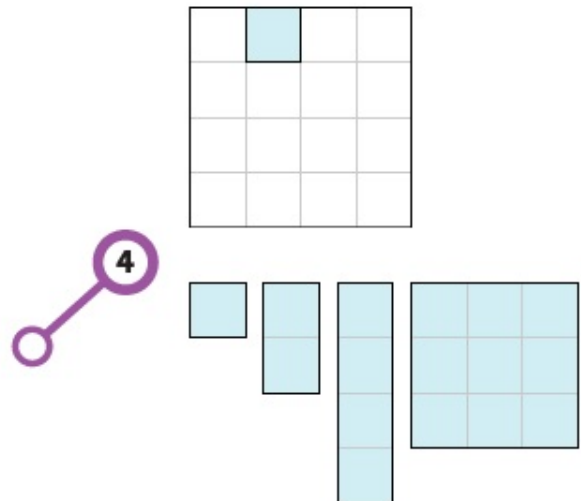
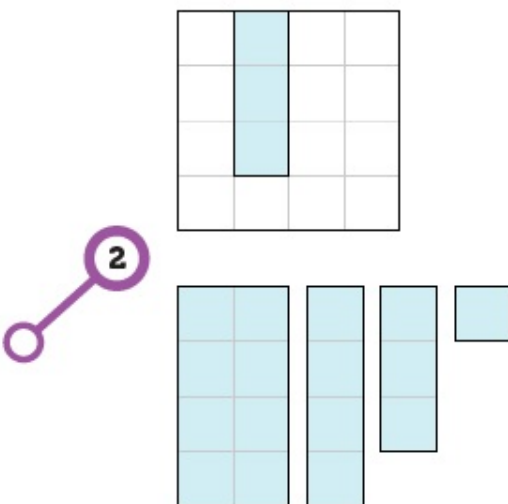
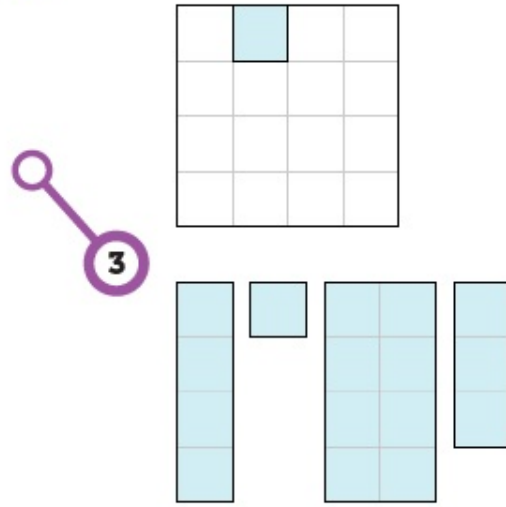
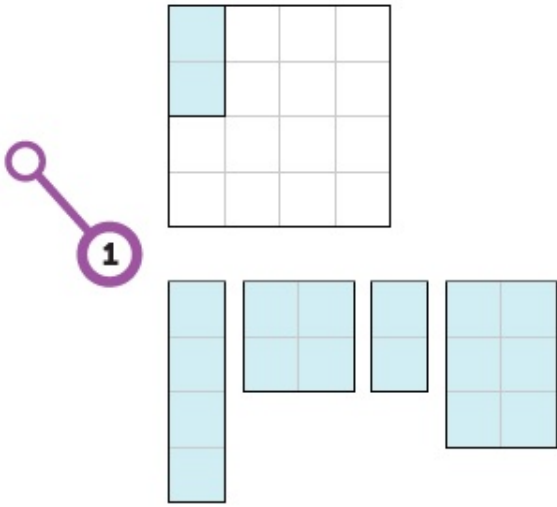
KADEME 1:

Tablonun altında verilen dikdörtgenleri bir araya getirerek 4×4 'lük kareyi elde ediniz. Dikdörtgenlerden biri **önceden** yerleştirilmiştir.



KADEME 1

Sorular:

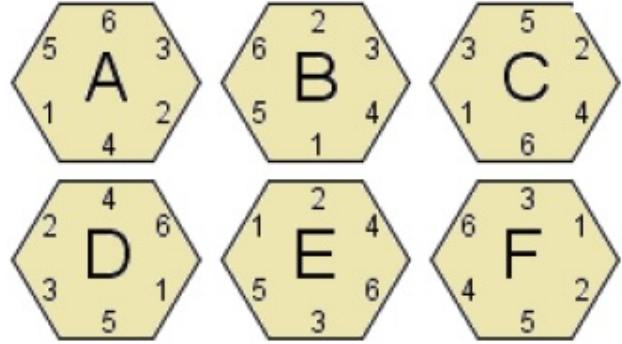
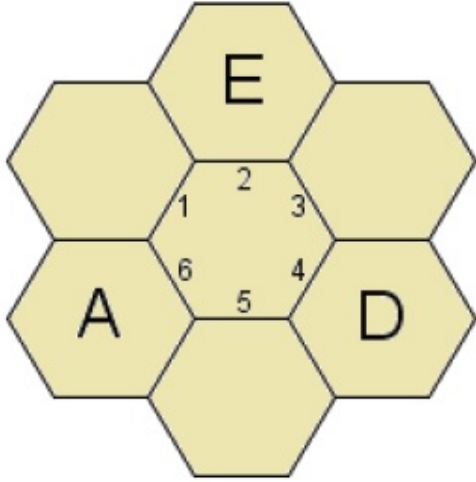


ALTIGEN

KADEME 1:

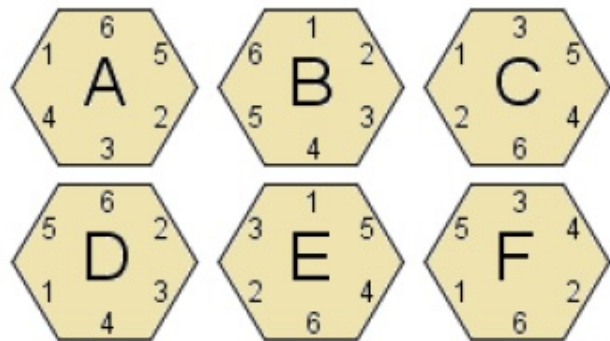
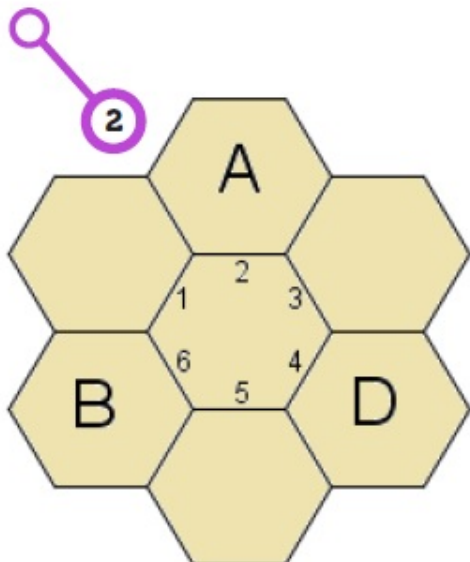
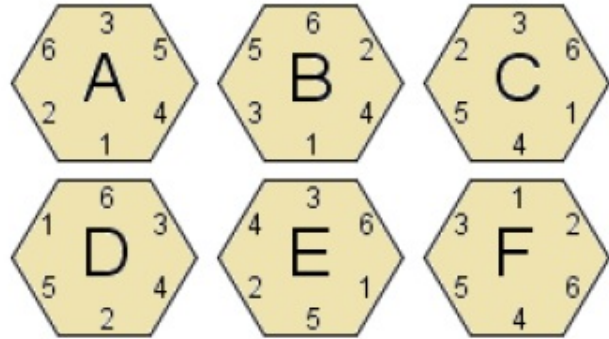
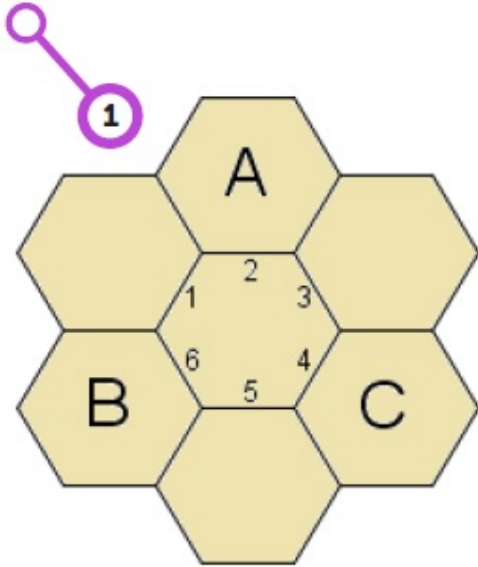
Üç adet altigeni boş yerlere öyle yerleştiriniz ki, bütün altigenlerin komşu kenarlarında aynı sayılar bulunsun. Altigenleri yerleştirirken dilediğiniz kadar döndürebilirsiniz. **Not:** Diğer üç altigen uygun biçimde döndürülerek yerleştirilmiştir.

Örnek



KADEME 1

Sorular:

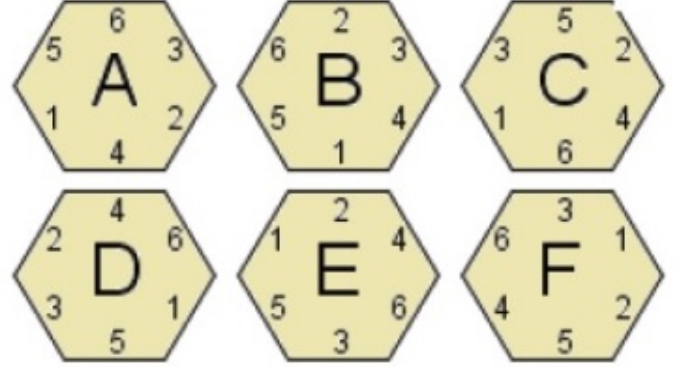
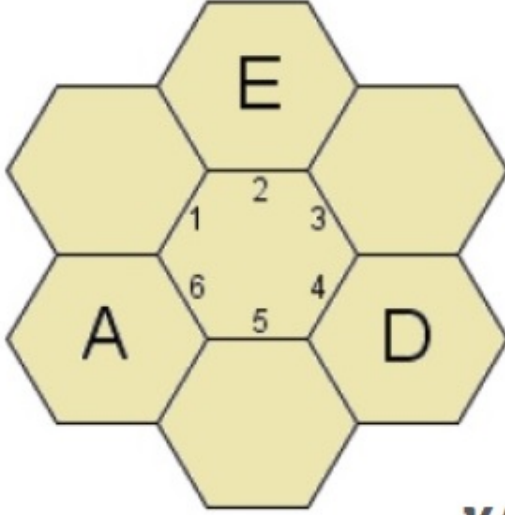


ALTIGEN

KADEME 1:

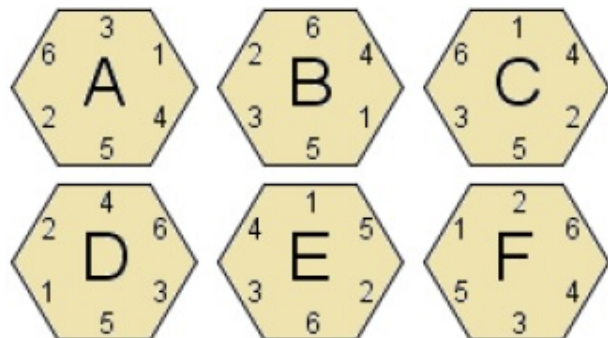
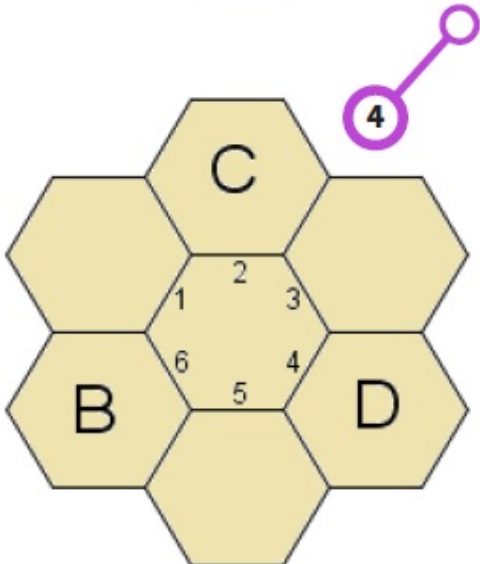
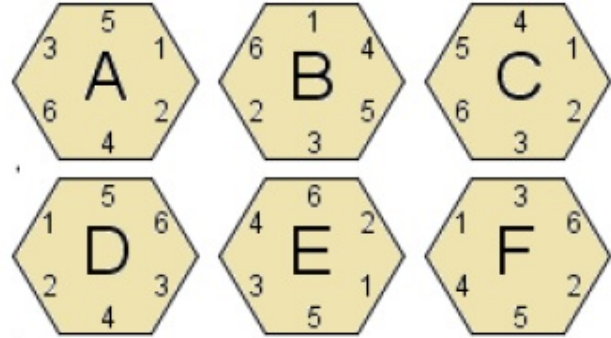
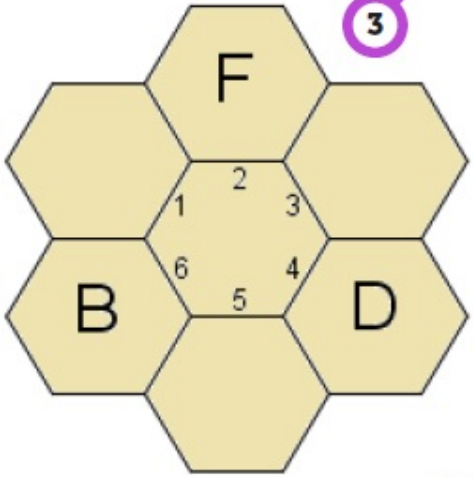
Üç adet altigeni boş yerlere öyle yerleştiriniz ki, bütün altigenlerin komşu kenarlarında aynı sayılar bulunsun. Altigenleri yerleştirirken dilediğiniz kadar döndürebilirsiniz. **Not:** Diğer üç altigen uygun biçimde döndürülerek yerleştirilmiştir.

Örnek



KADEME 1

Sorular:



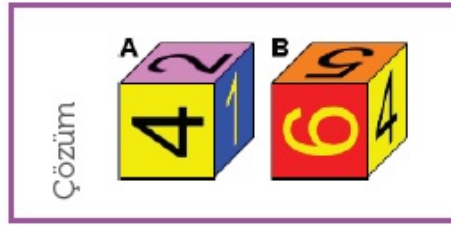
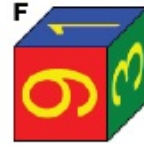
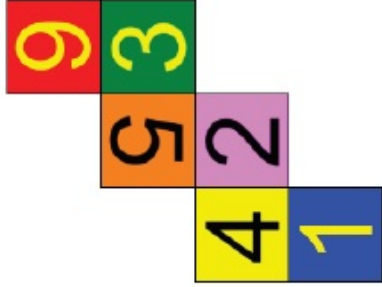


KÜP-1

KADEME 1

Açık şeklin katlanmasıyla elde edilemeyecek olan küpü/küpleri bulunuz.

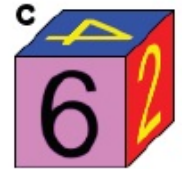
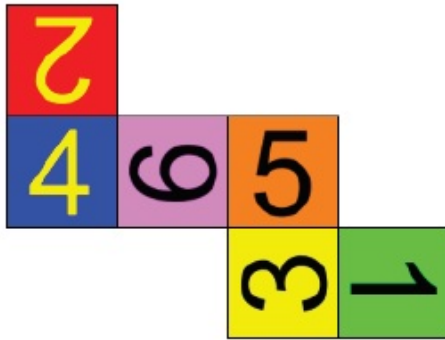
Örnek



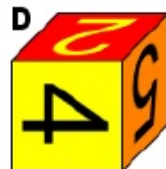
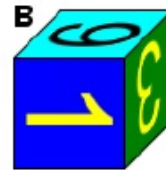
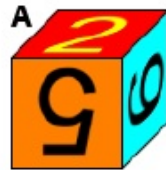
KADEME 1

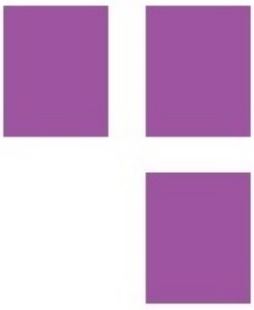
Sorular:

1



2



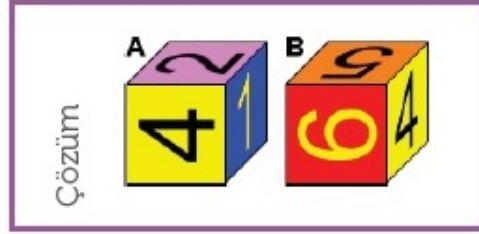
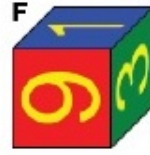
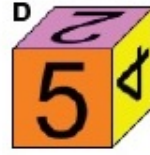
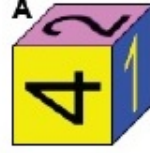
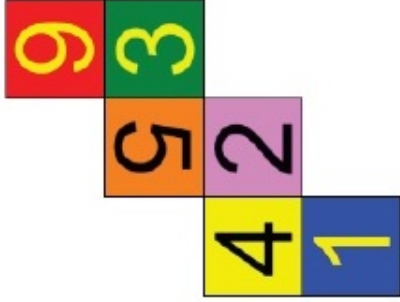


KÜP-1

KADEME 1

Açık şeklin katlanmasıyla elde edilemeyecek olan küpü/küpleri bulunuz.

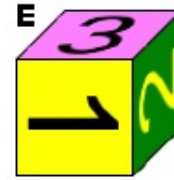
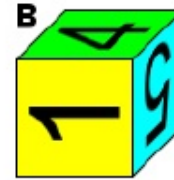
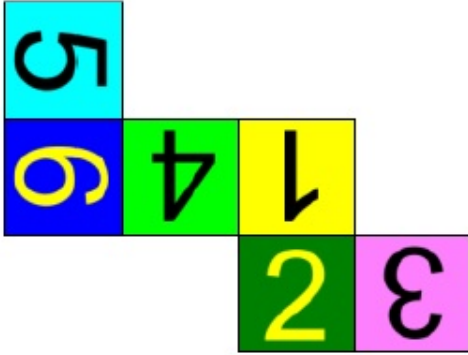
Örnek



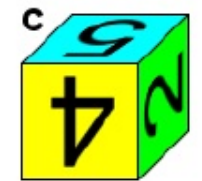
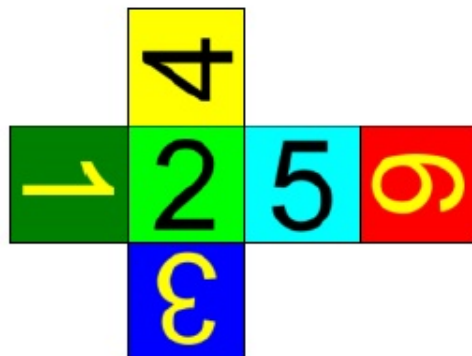
KADEME 1

Sorular:

3



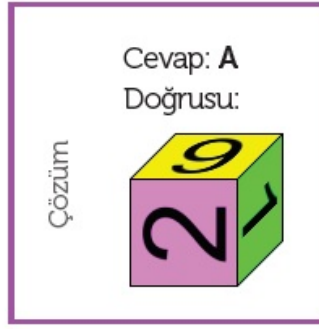
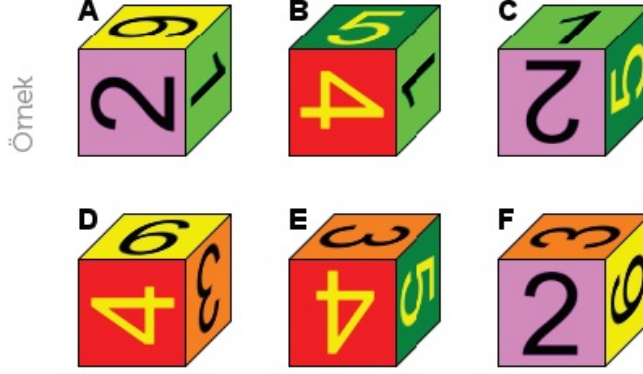
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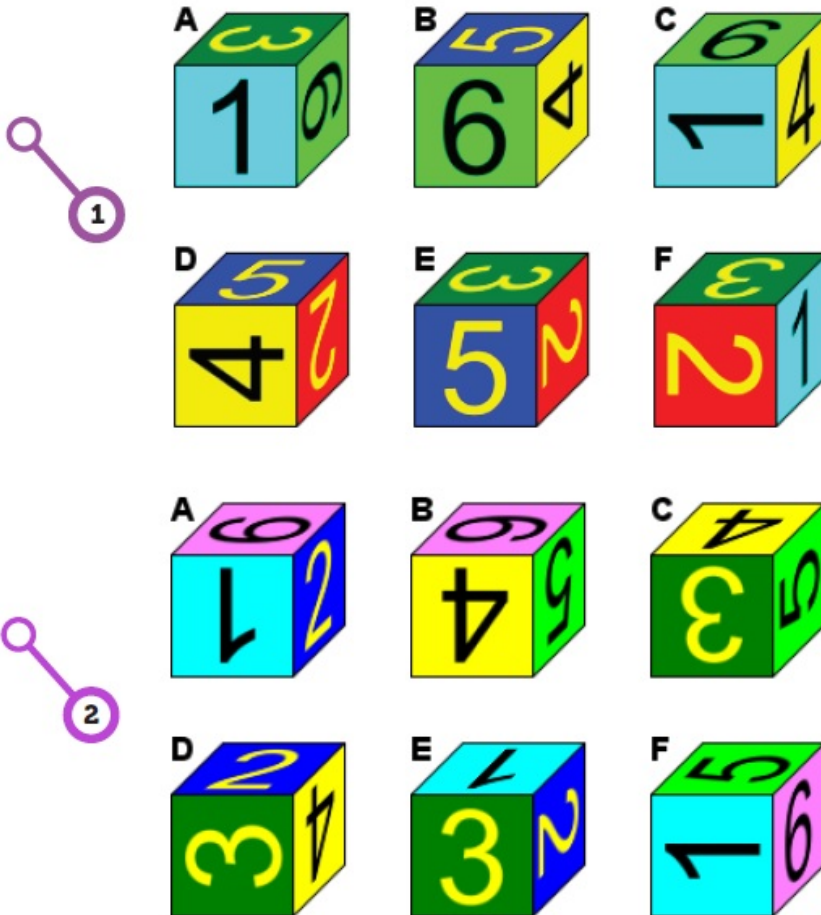


KÜP-2 KADEME 1

Bir küpün altı farklı görünüşü aşağıdadır. Şekillerden biri **hatalı** çizilmiştir. Hatalı olan şekli bulunuz.



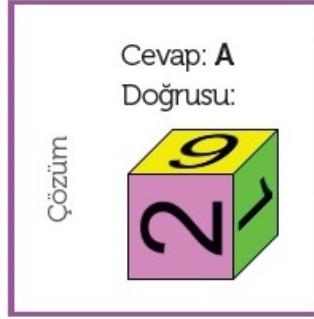
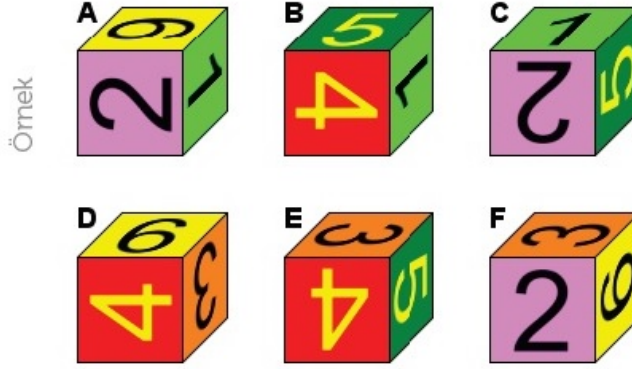
KADEME 1 Sorular:





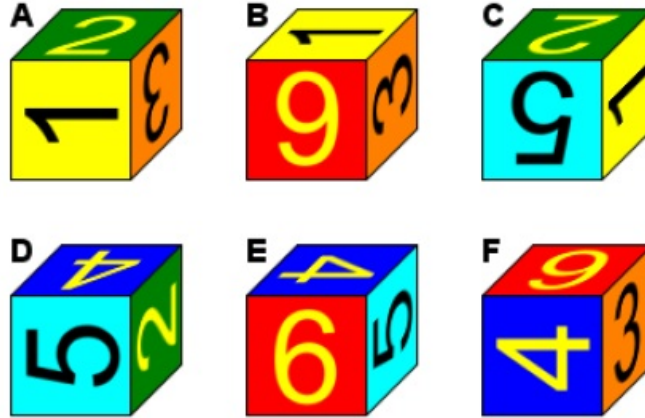
KÜP-2 KADEME 1

Bir küpün altı farklı görünüşü aşağıdadır. Şekillerden biri **hatalı** çizilmiştir. Hatalı olan şekli bulunuz.

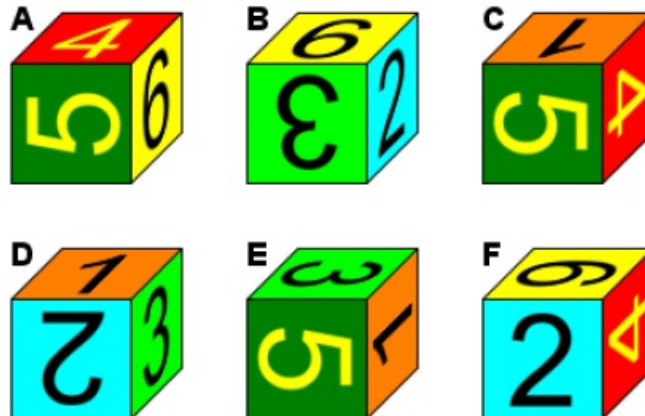


KADEME 1 Sorular:

3



4





KÜP-3

KADEME 1

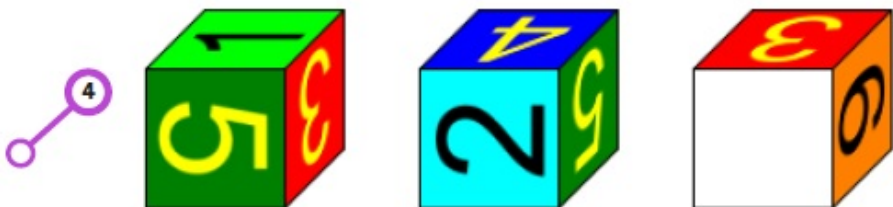
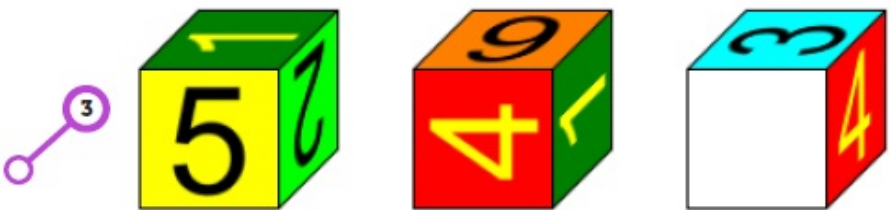
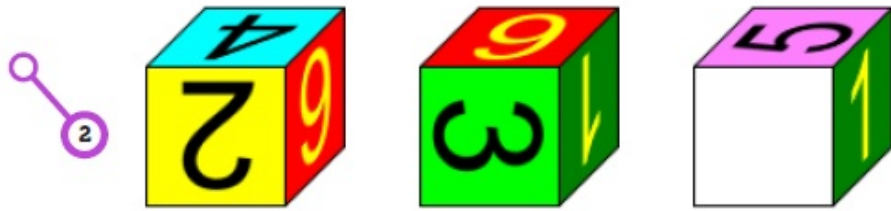


Bir küpün üç farklı görünüşü aşağıdadır. Boş bırakılan yüzü uygun biçimde doldurunuz.



KADEME 1

Sorular:

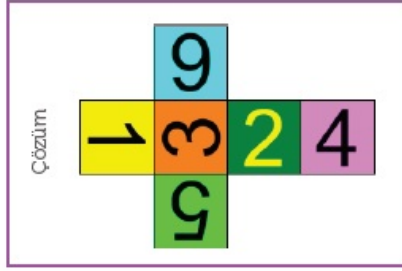
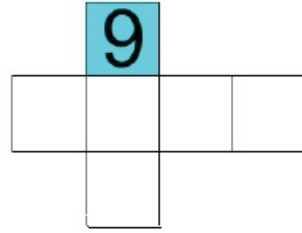
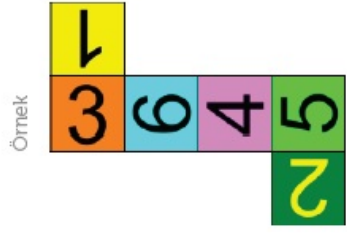




KÜP-4 KADEME 1



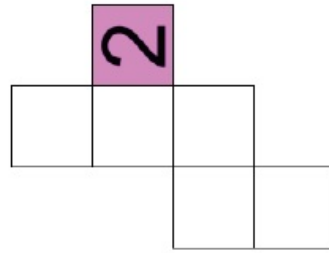
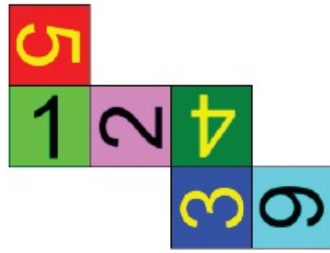
Bir küpün üç farklı görünüşü aşağıdadır. Boş bırakılan yüzü uygun biçimde doldurunuz.



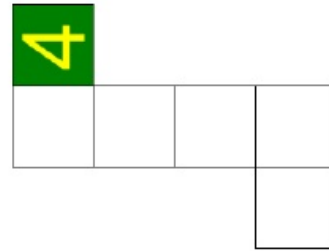
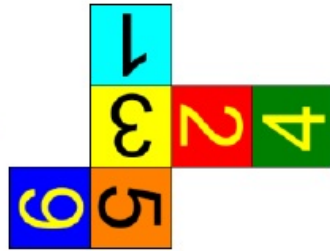
KADEME 1

Sorular:

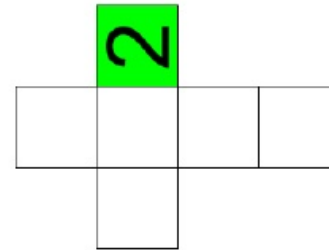
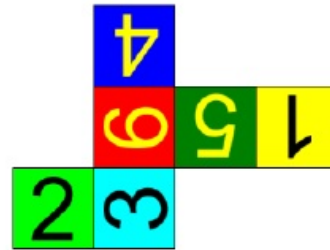
1



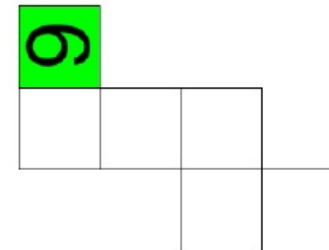
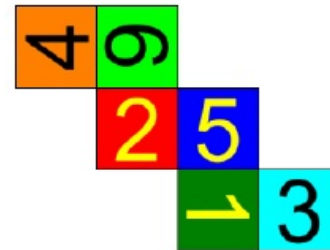
2



3

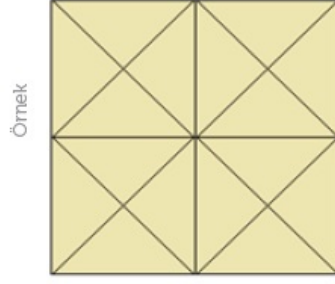


4



SAYMA OYUNLARI KADEME 1

Bu şekilde kaç üçgen sayabilirsiniz?
(Her boyuttaki üçgen dikkate alınacak.)

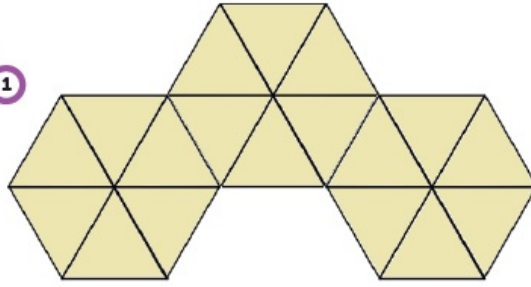


Çözüm

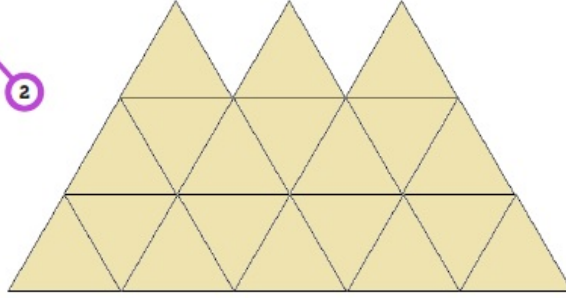
44 üçgen.

KADEME 1 Sorular:

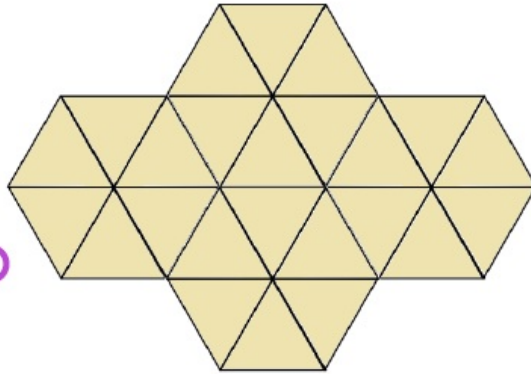
1



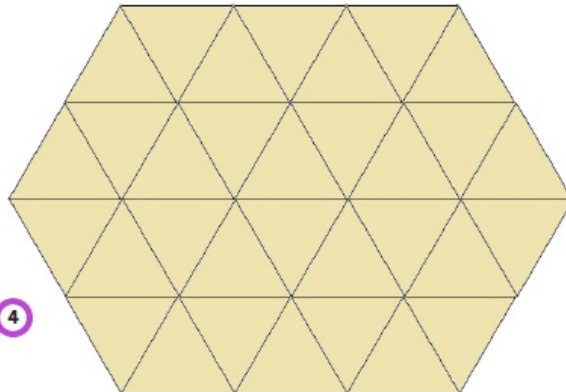
2



3



4

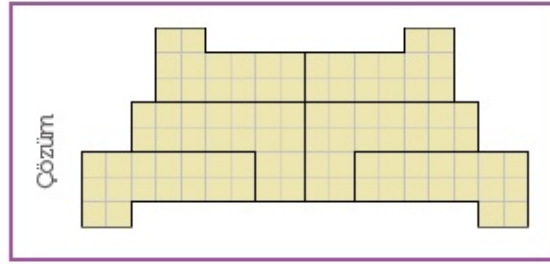
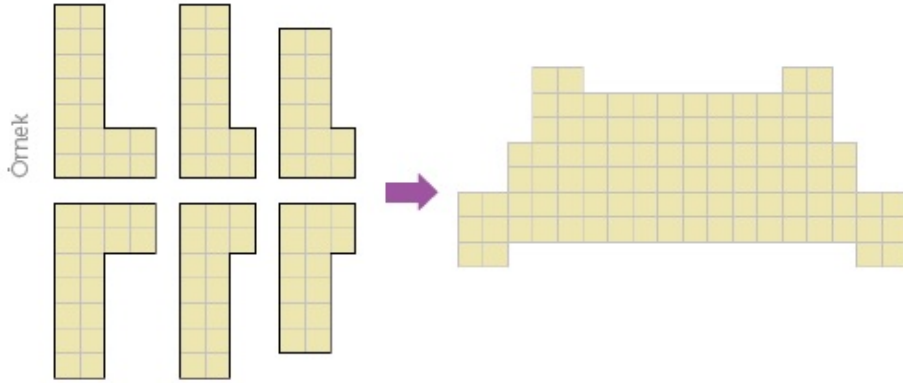




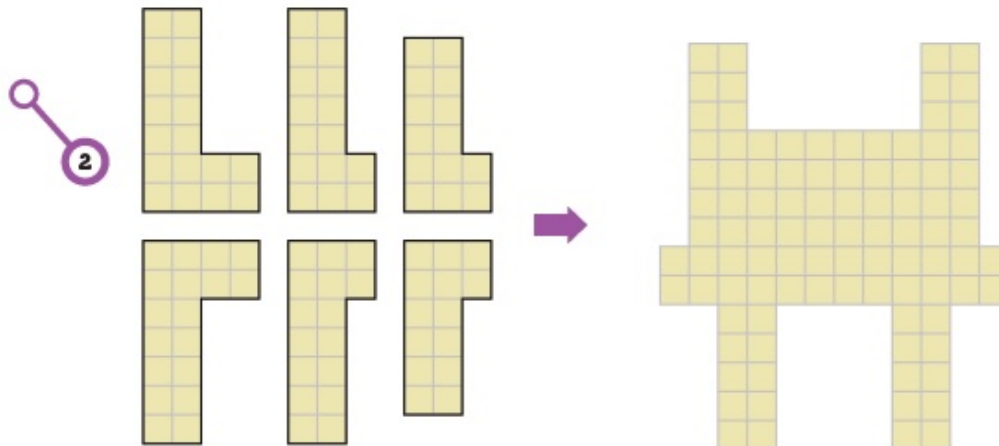
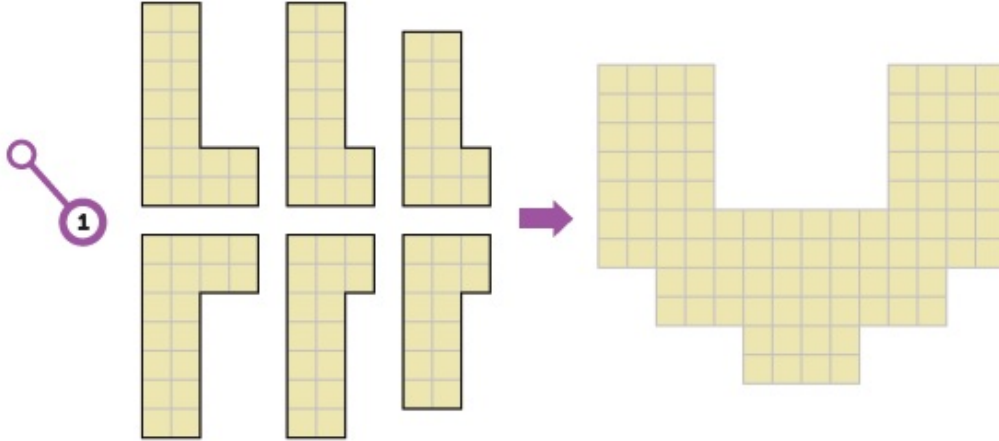
ALTI "L" KADEME 1



Altı "L" parçasını bir araya getirerek aşağıdaki şekli elde ediniz.
Parçalar döndürülebilir ve ters çevrilebilir.



KADEME 1 Sorular:

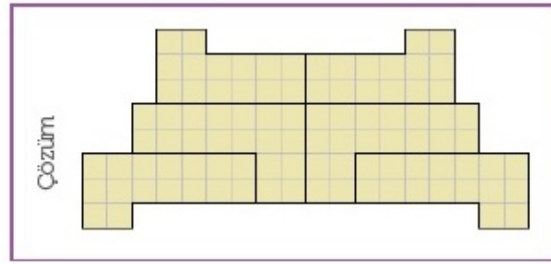
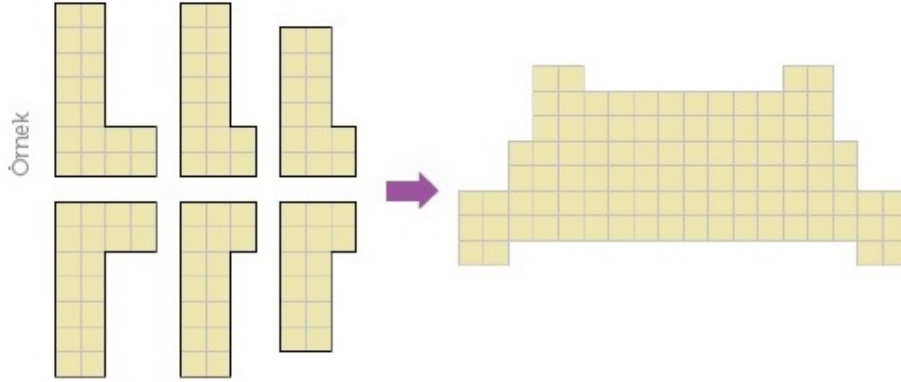




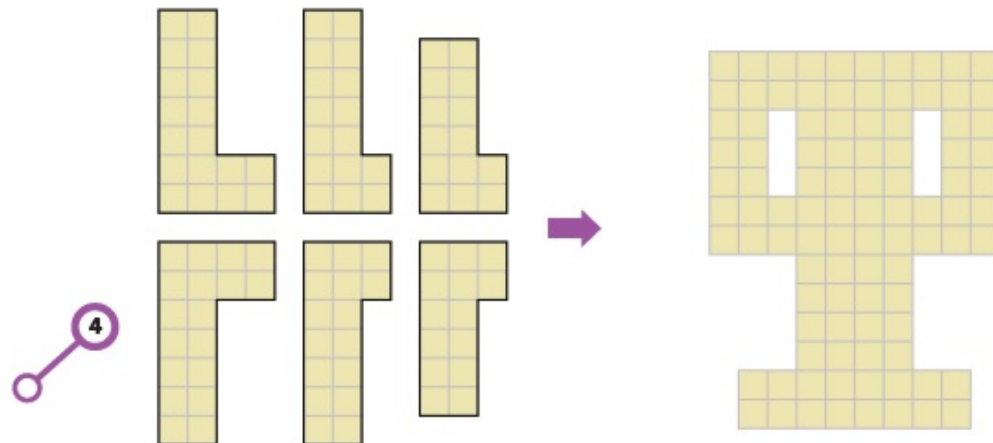
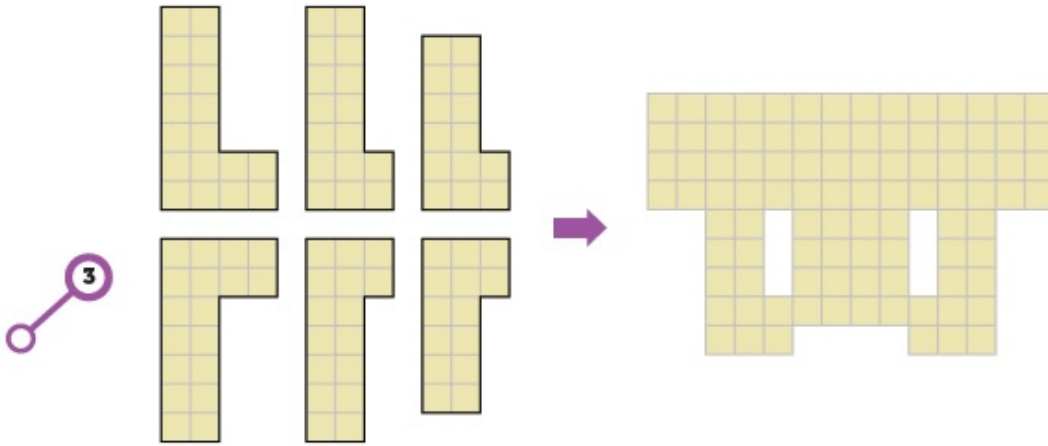
ALTI "L" KADEME 1



Altı "L" parçasını bir araya getirerek aşağıdaki şekli elde ediniz.
Parçalar döndürülebilir ve ters çevrilebilir.



KADEME 1 Sorular:



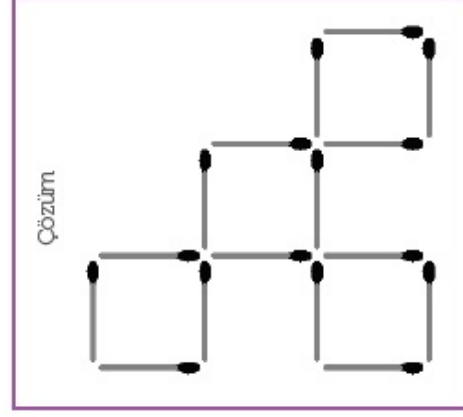
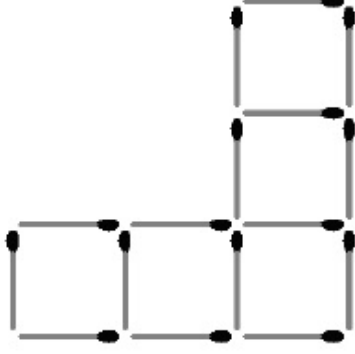


KİBRİTLER

KADEME 1

Örnek

Şekilde 5 adet eşit kare görülüyor. İki kibritin yerini değiştirerek 4 eşit karenin bulunduğu bir şekil elde ediniz.

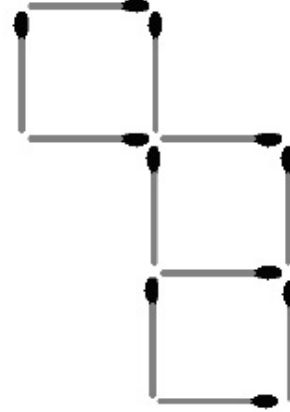


KADEME 1

Sorular:

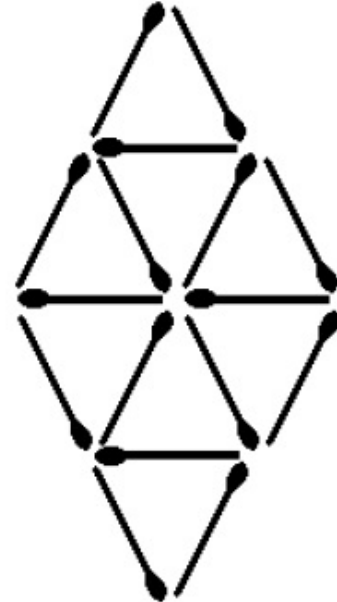
1

Şekilde 3 adet kare görülüyor. Üç kibritin yerini değiştirerek 2 karenin bulunduğu bir şekil elde ediniz.



2

Şekilde aynı büyüklükte sekiz adet eşkenar üçgen görülüyor. Dört adet kibrit olarak bu üçgenlerin sayısını dörde indiriniz. (Açıkta kibrit kalmayacak)



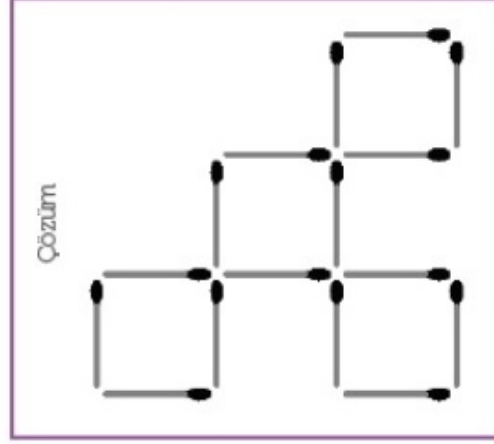
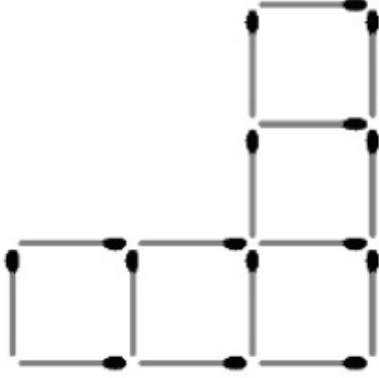


KİBRİTLER

KADEME 1

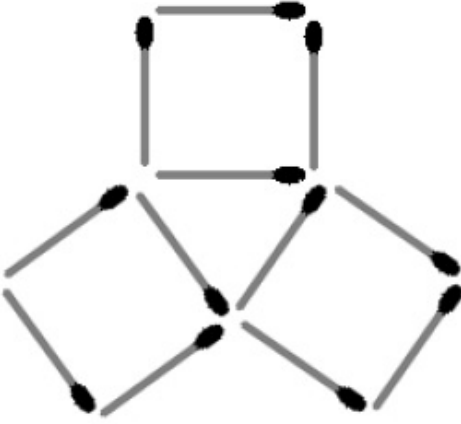
Örnek

Şekilde 5 adet eşit kare görüüyor. İki kibritin yerini değiştirerek 4 eşit karenin bulunduğu bir şekil elde ediniz.



KADEME 1

Sorular:



Şekilde üç kare, bir eşkenar üçgen görüüyor. Dört adet kibritin yerini değiştirerek üç eşkenar üçgen, bir kare elde ediniz.



Şekildeki kibrit çöplerinden üçünü alarak geriye üç adet üçgen bırakın.

