

Ad-Soyad: _____

No: _____

Matematik Çalışma Kağıdı

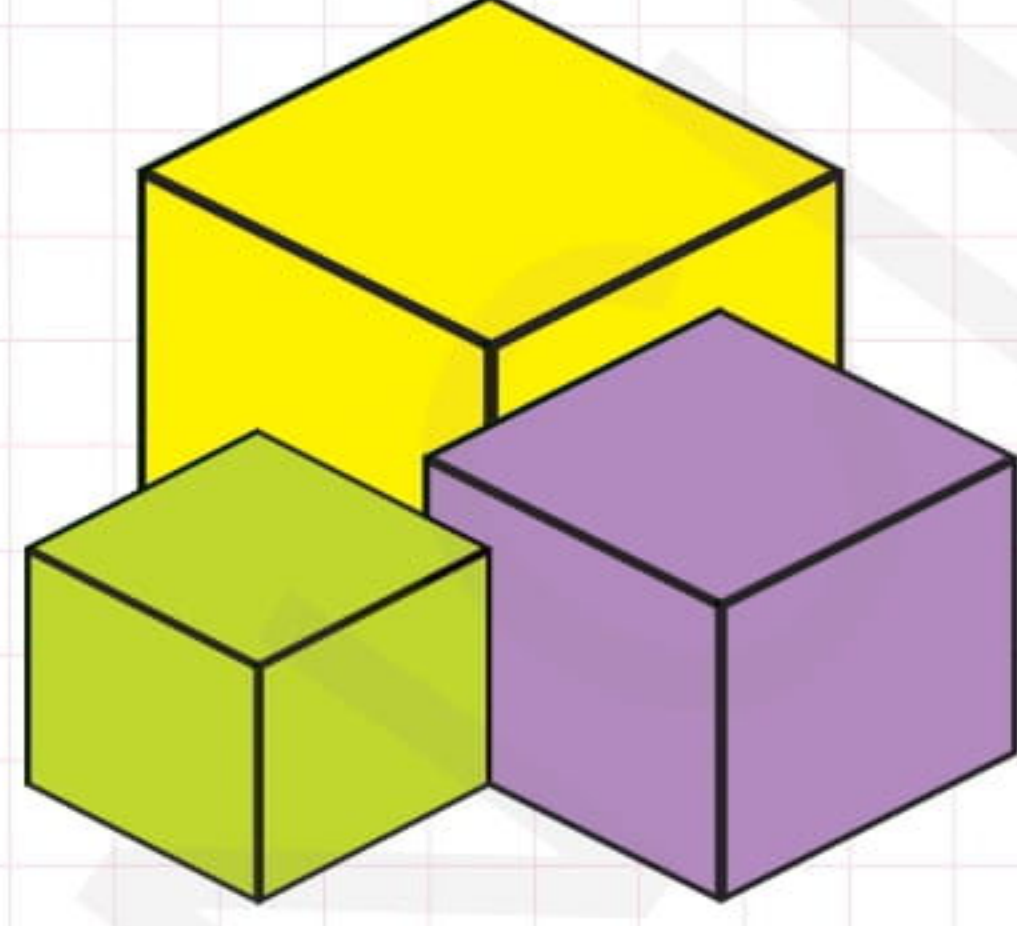
35

Küpün Açınımı




1. Aşağıda küple ilgili verilen bilgilerden doğru olanları işaretleyelim.

- 8 köşesi vardır.
- 8 yüzü vardır.
- 12 ayrıtı (kenarı) vardır.
- Tüm yüzleri birbirine eşittir.
- Yan yüzleri dikdörtgensel bölgedir.
- Tüm ayrıtları aynı boydadır.



2. Aşağıdaki örneği inceleyelim. Kareli kağıda bir kenar uzunluğu verilen küplerin üç farklı açınımını çizelim.

a. 1 birim kare 

1.



2.

3.

b. 2 birim kare 

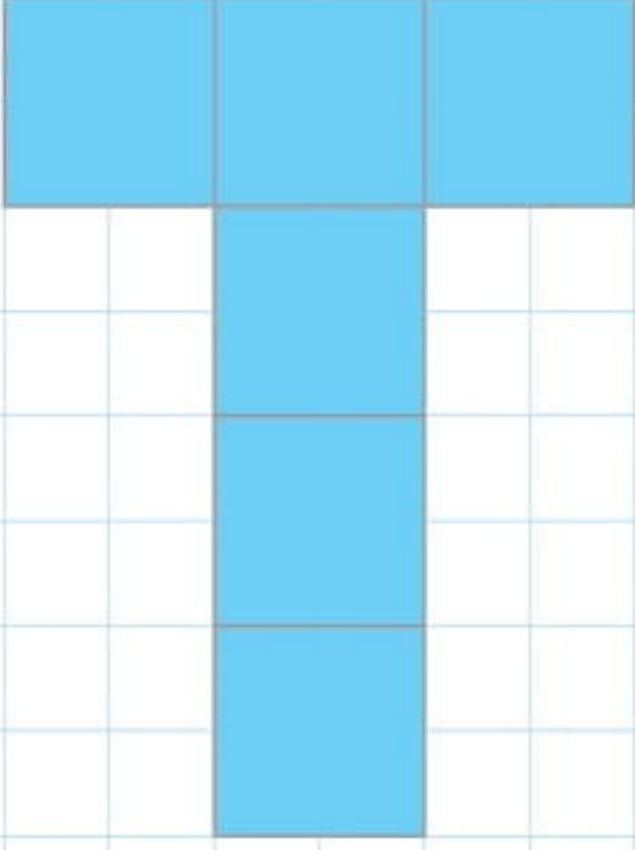
1.

2.

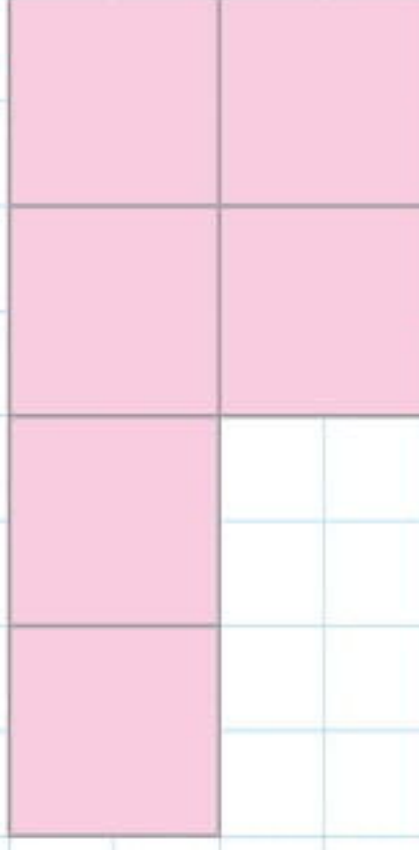
3.

3. Aşağıda verilenlerden küpün açınımları olabilecekleri işaretleyelim.

a.



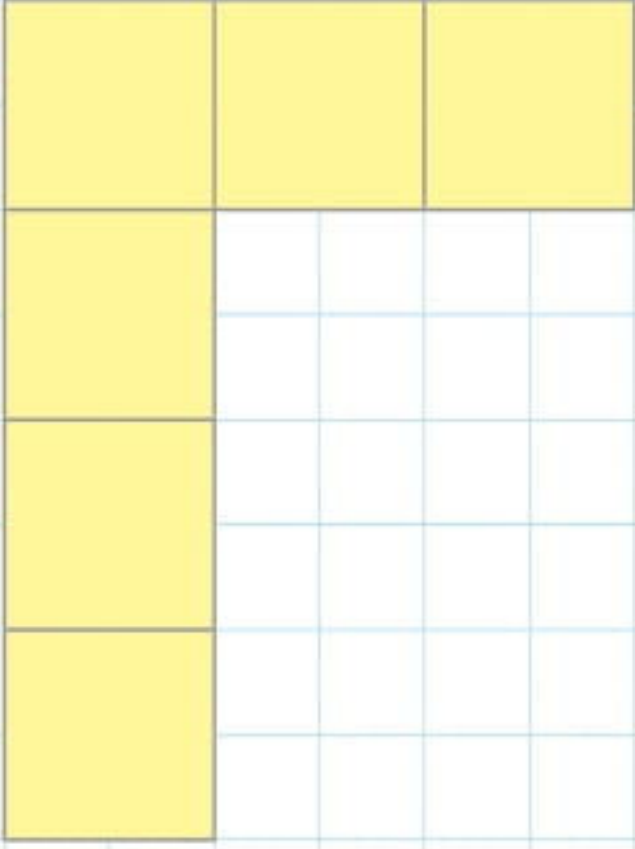
b.



c.



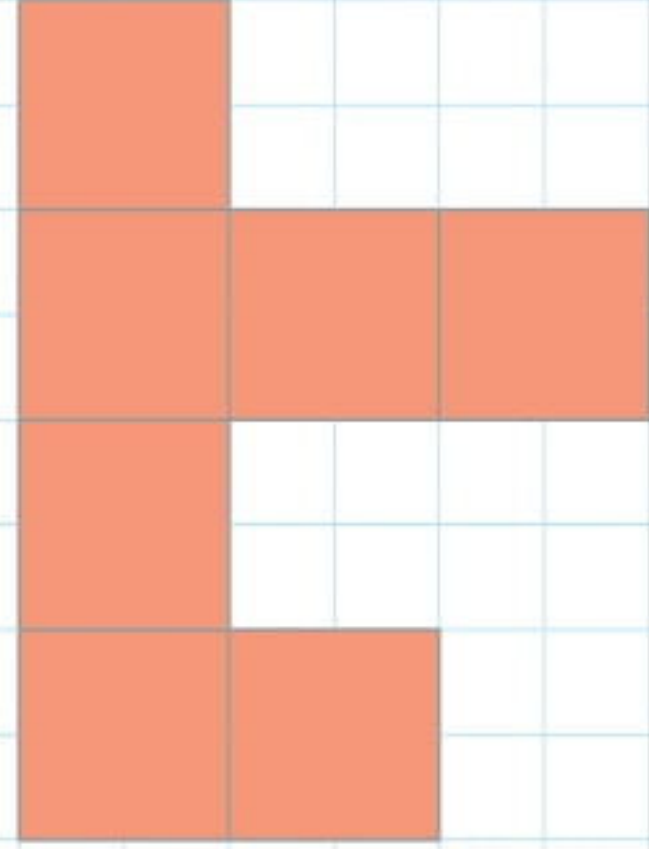
ç.



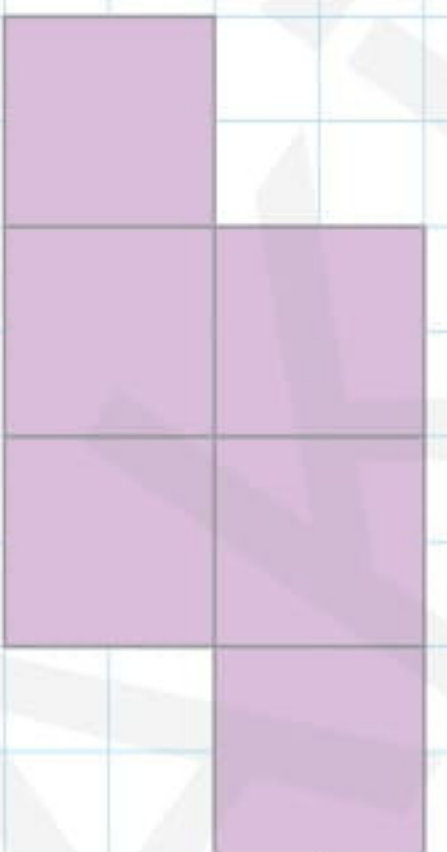
d.



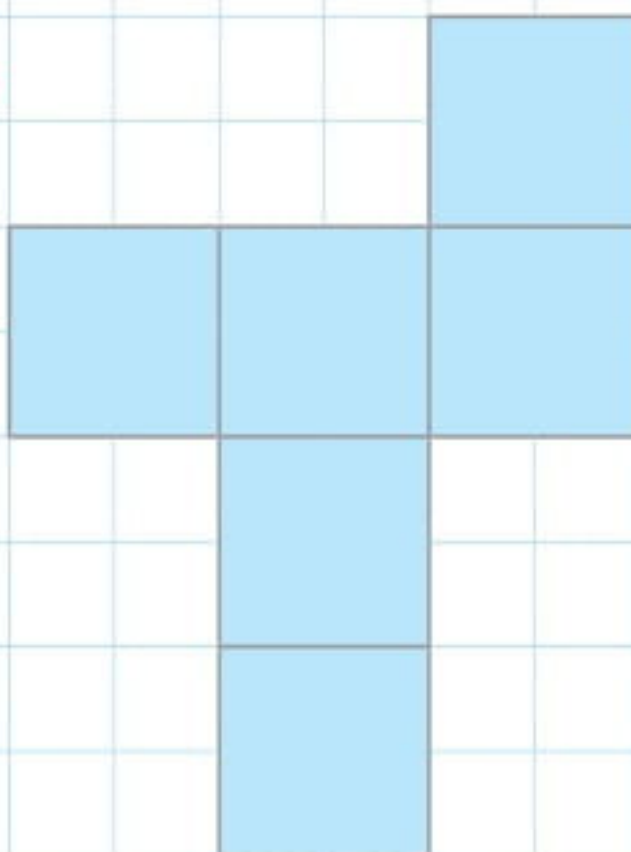
e.



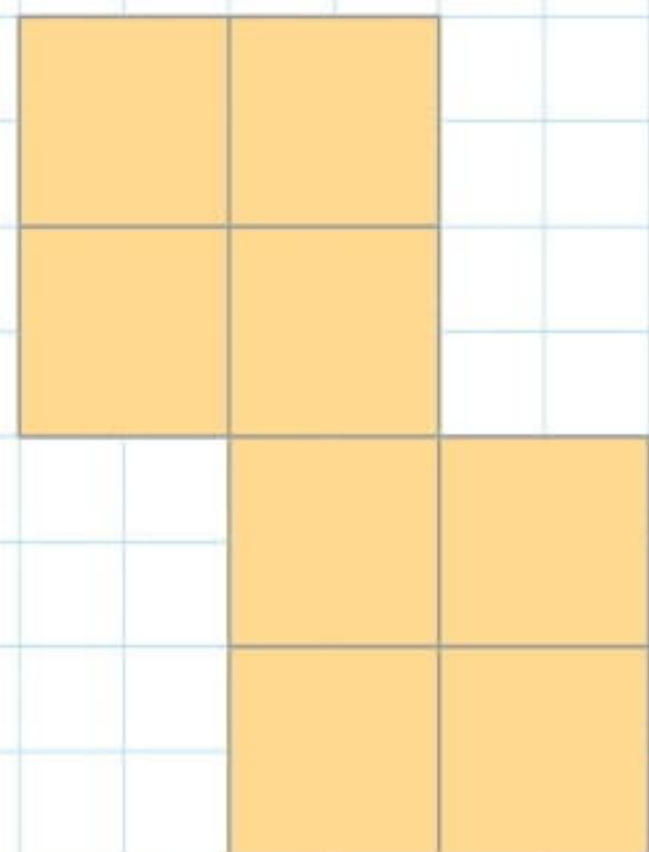
f.



g.



ğ.



Ad-Soyad: _____

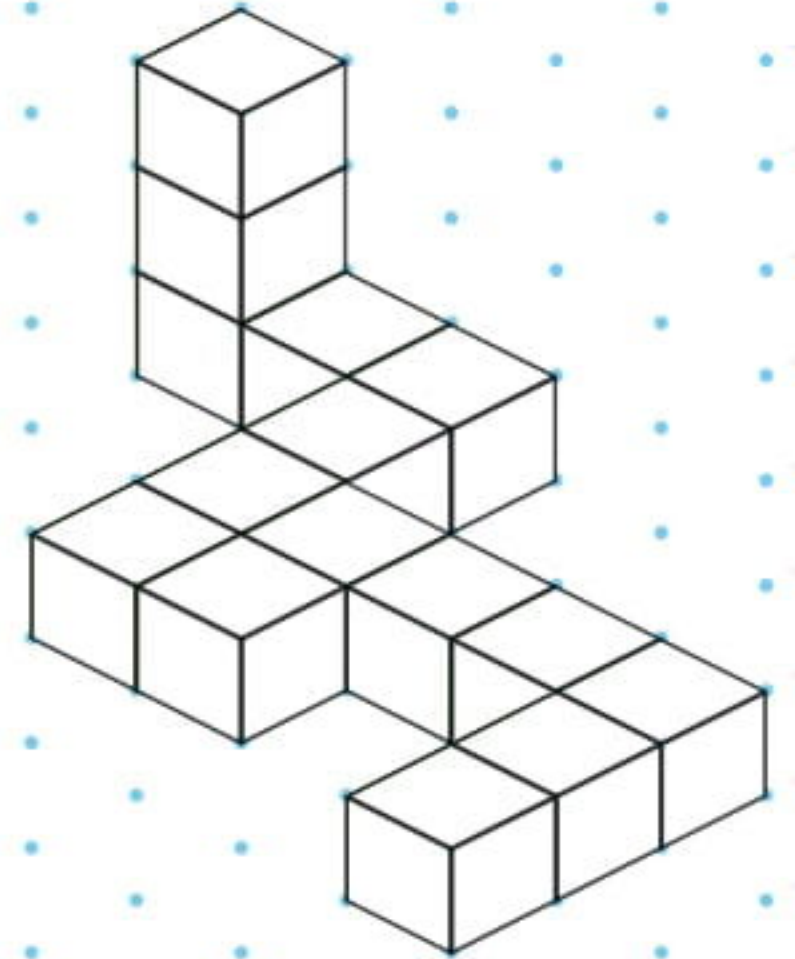
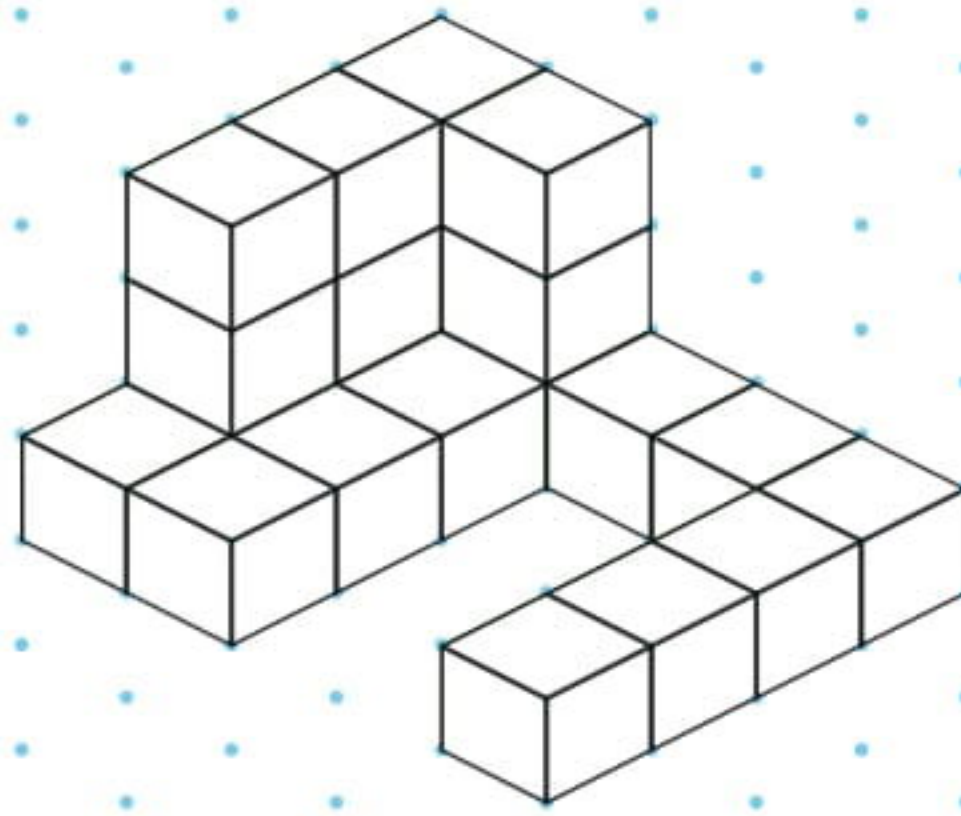
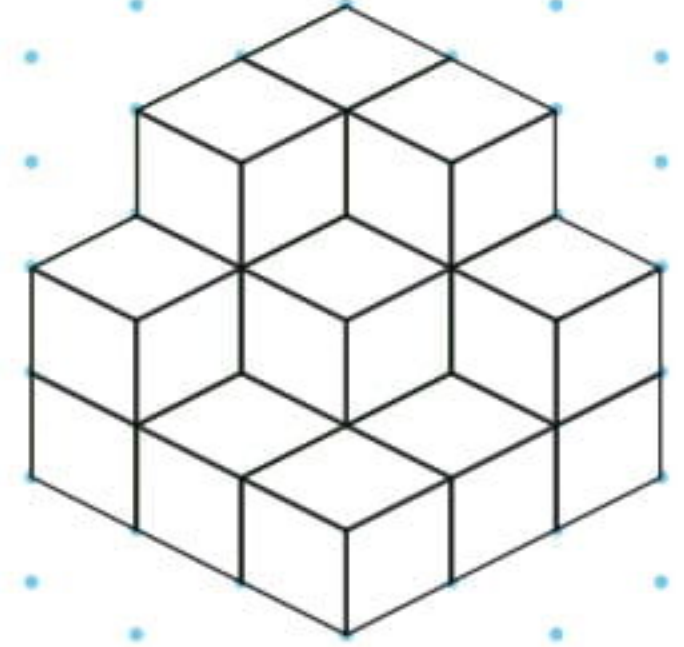
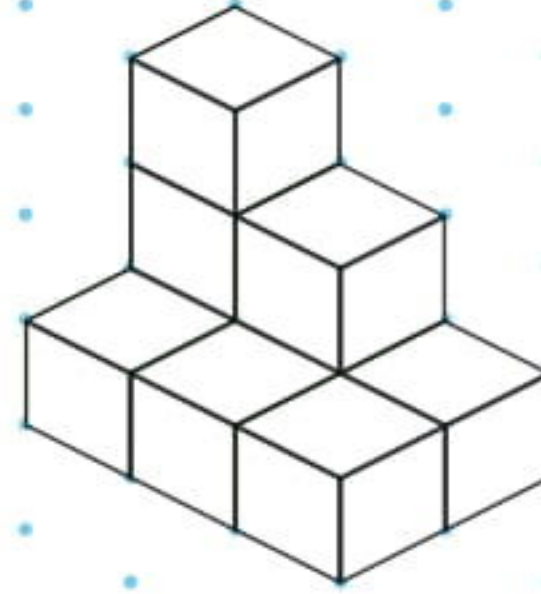
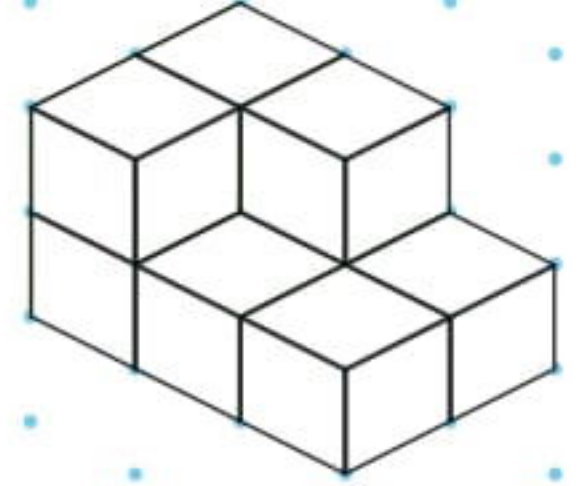
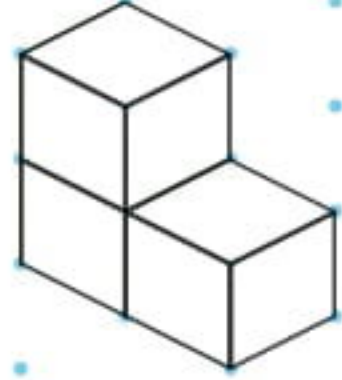
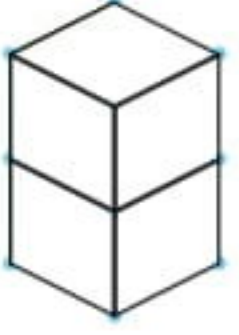
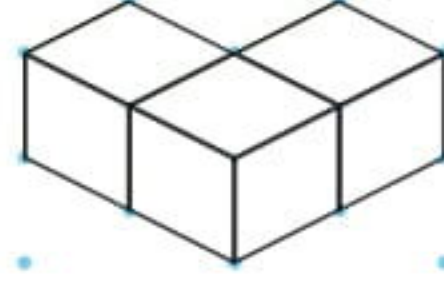
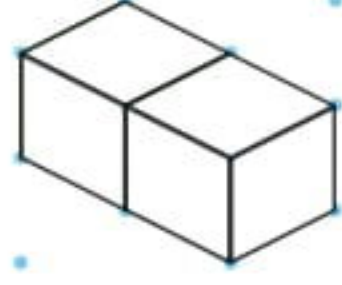
No: _____

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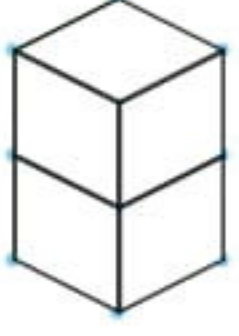
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Eş Küplerle Yapı Oluşturma - 1

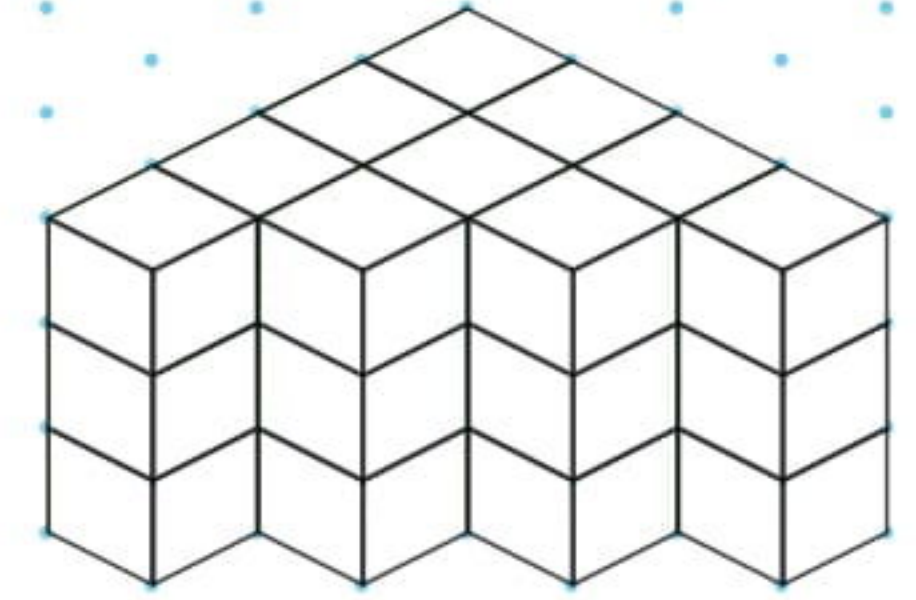
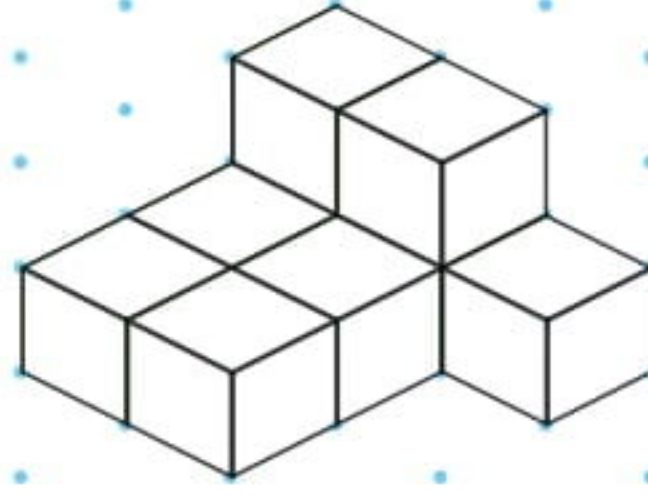
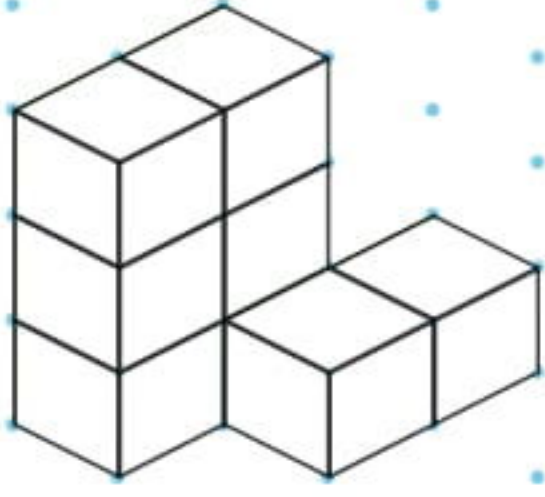
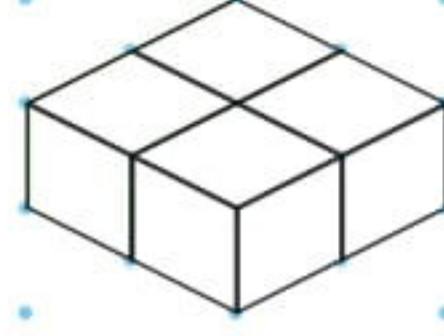
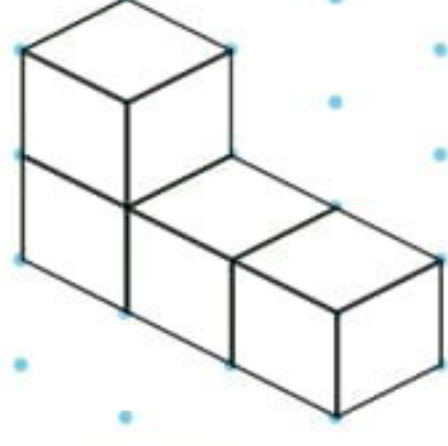
1. Aşağıdaki yapıların kaç eş küpten oluştuğunu bulalım. Altlarına yazalım.



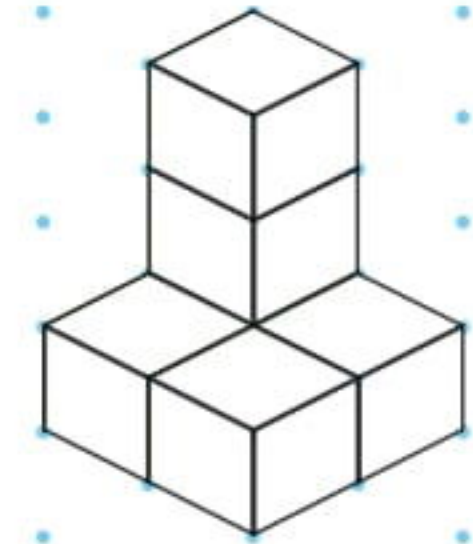
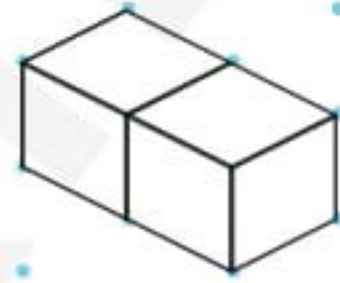
2. Aşağıda eş küplerden oluşmuş yapıların kaç yüzü görünmektedir? Altlarına yazalım.



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3. Aşağıdaki izometrik kağıtlarda çizili yapıların aynılarını altlarına çizelim.



Ad-Soyad: _____

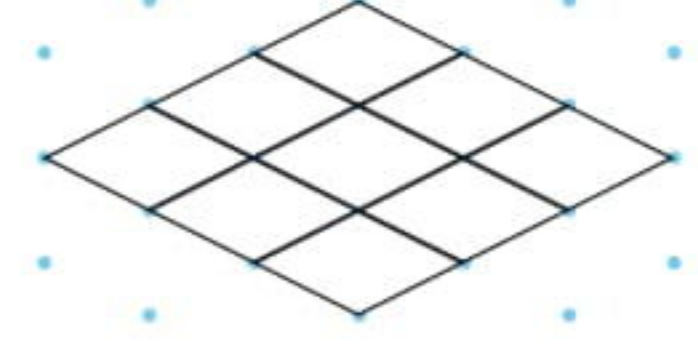
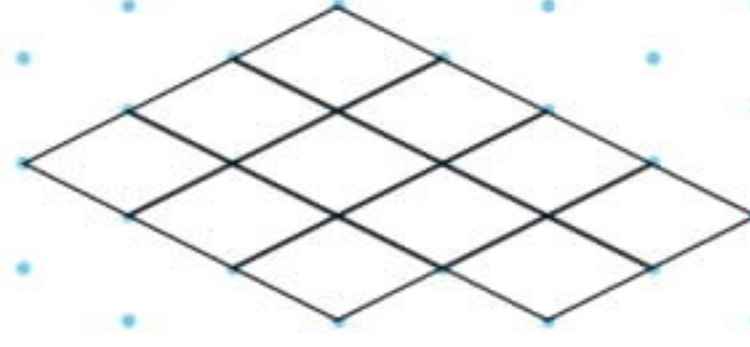
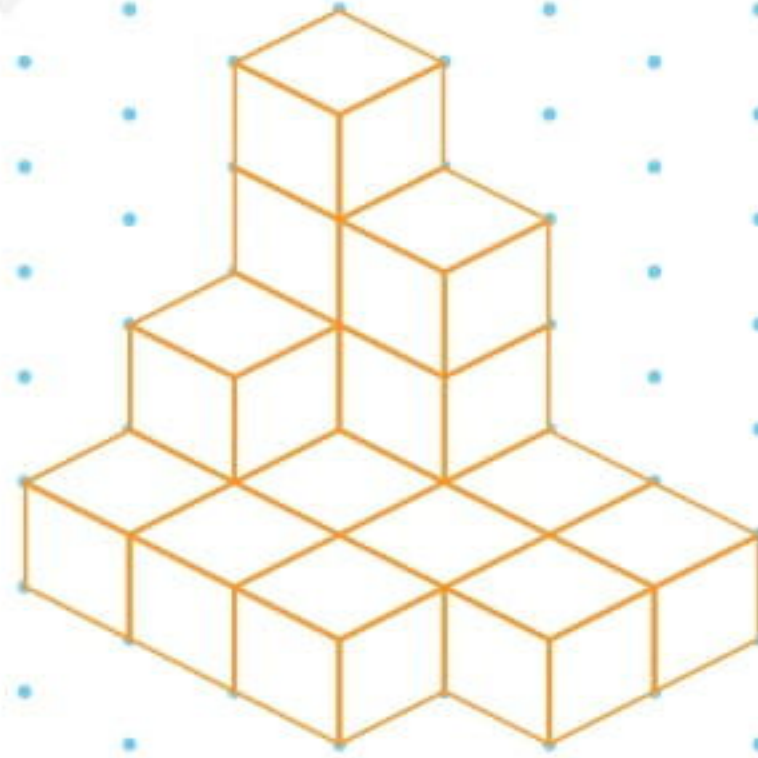
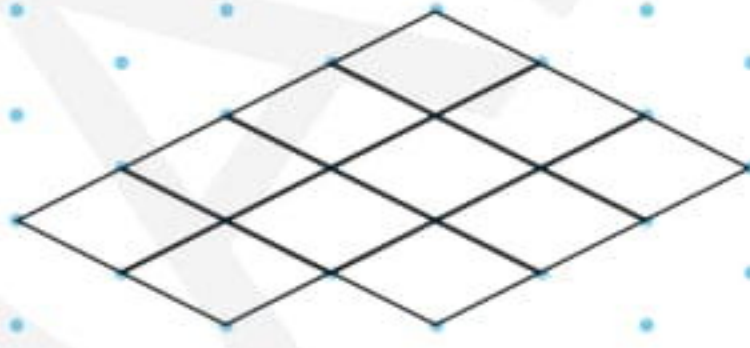
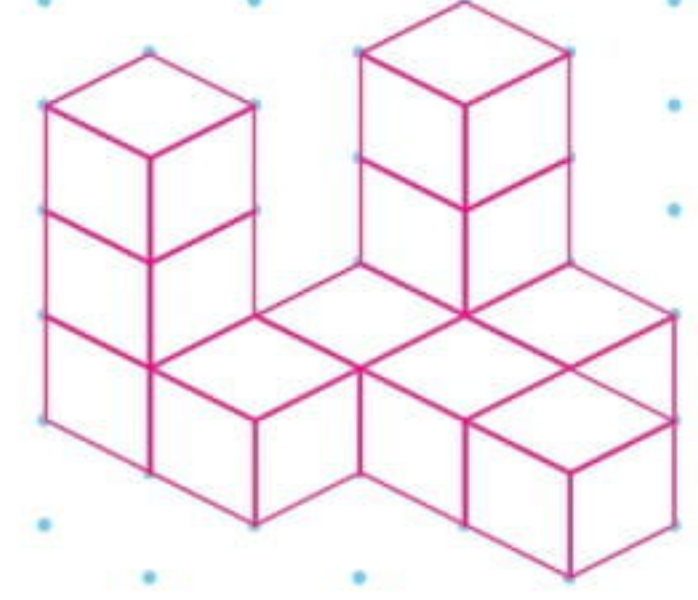
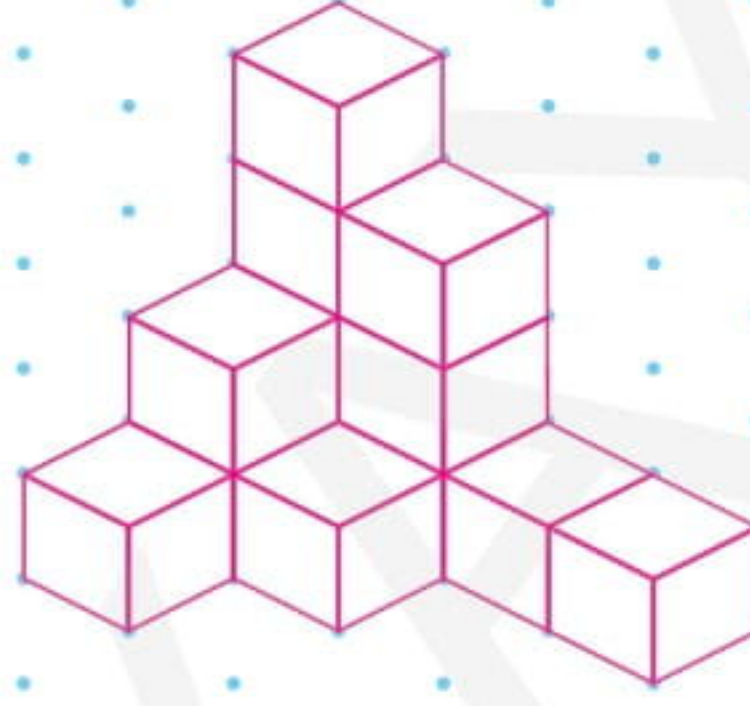
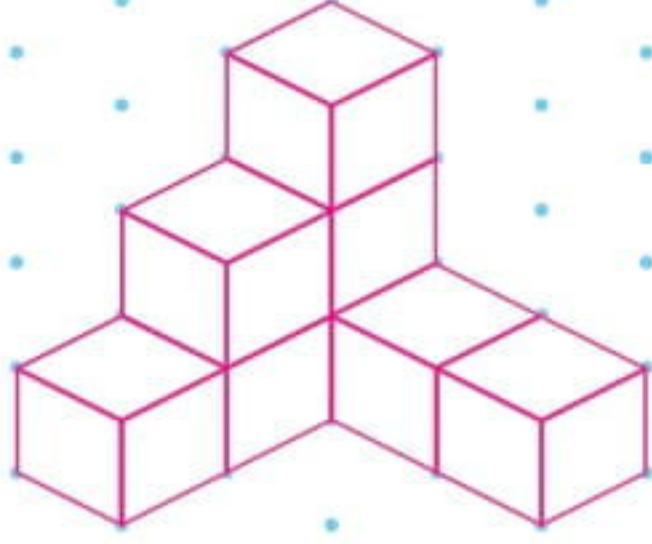
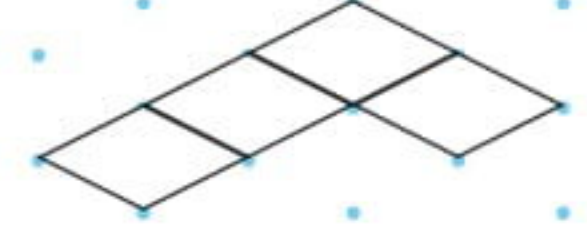
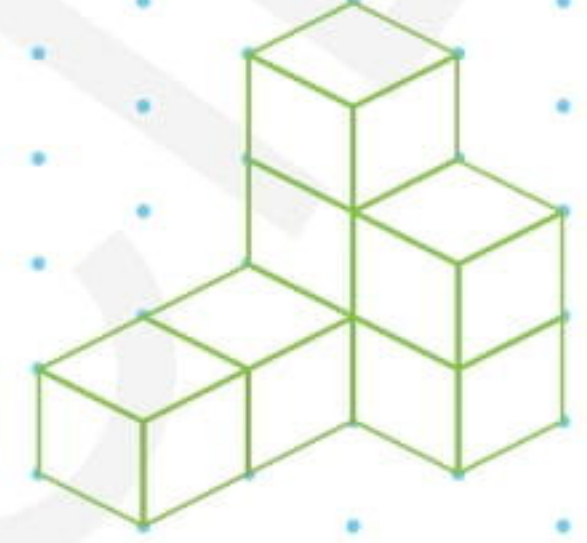
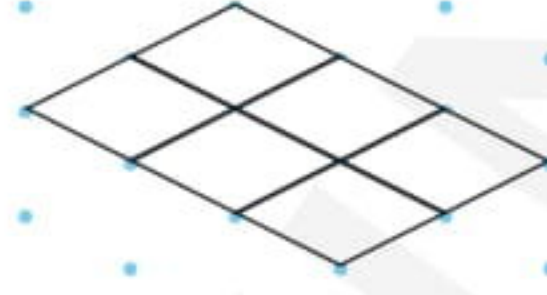
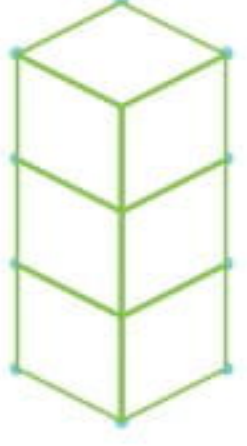
No: _____

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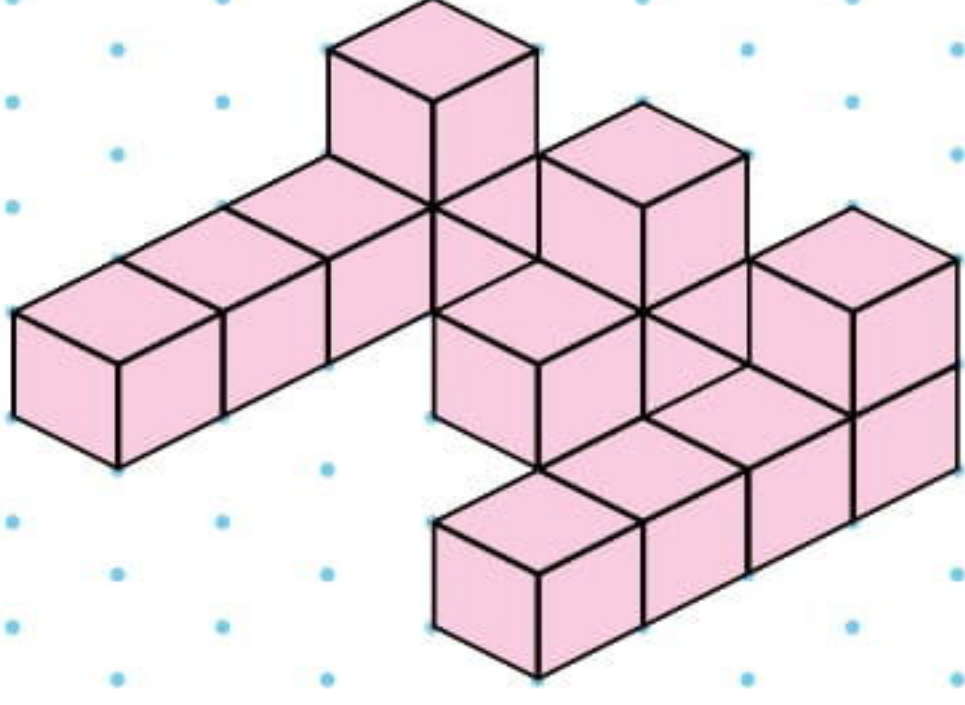
37

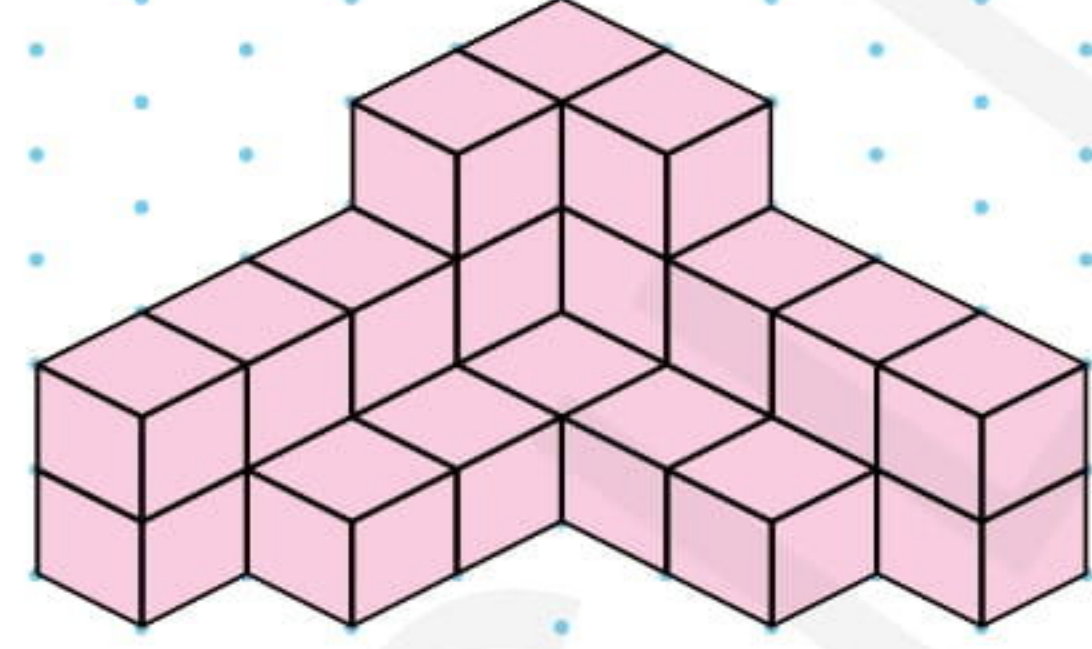
Eş Küplerle Yapı Oluşturma - 2

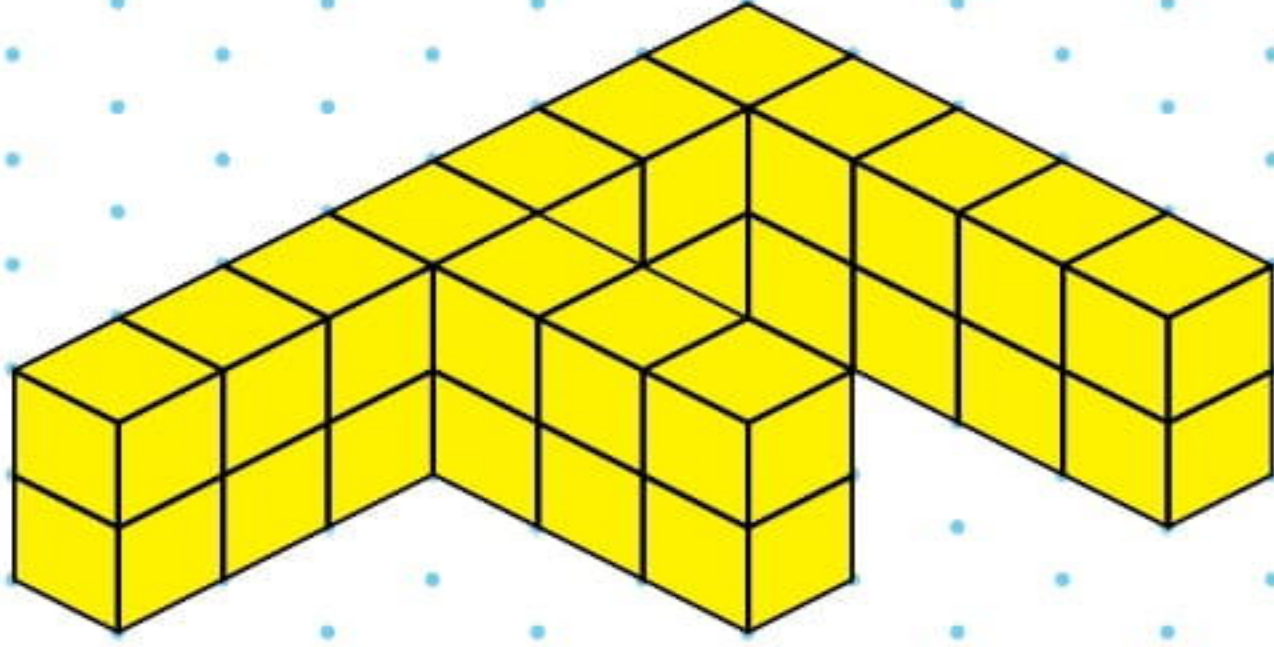
1. Aşağıdaki eş küplerden oluşmuş yapıların planlarını örnekteki gibi yazarak gösterelim.

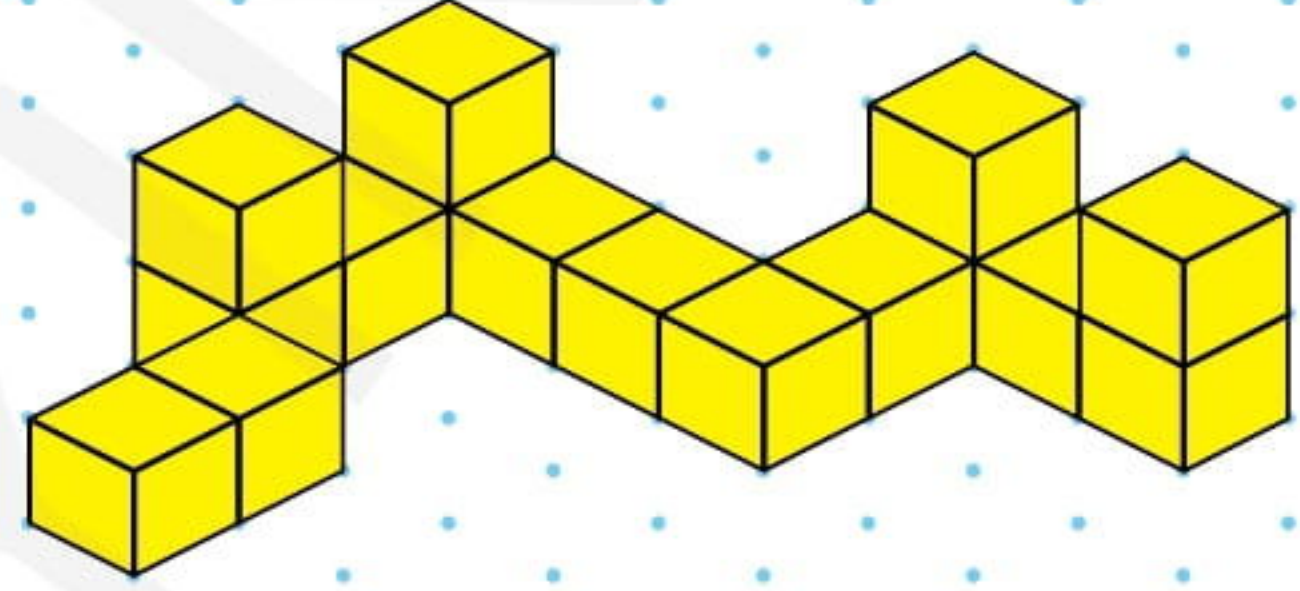


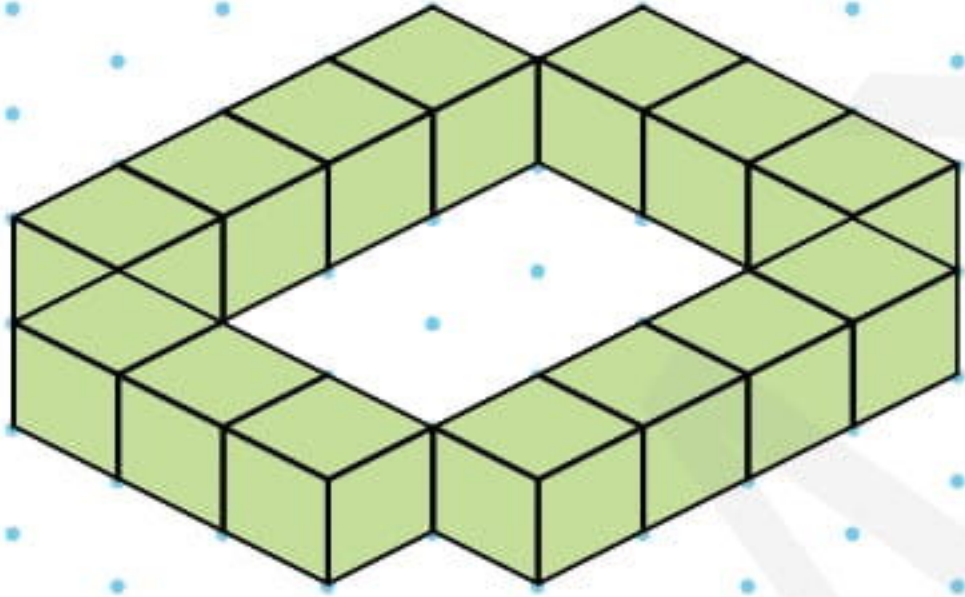
2. Aşağıdaki yapıların kaç eş küpten oluştuğunu bulalım. Altlarına yazalım.

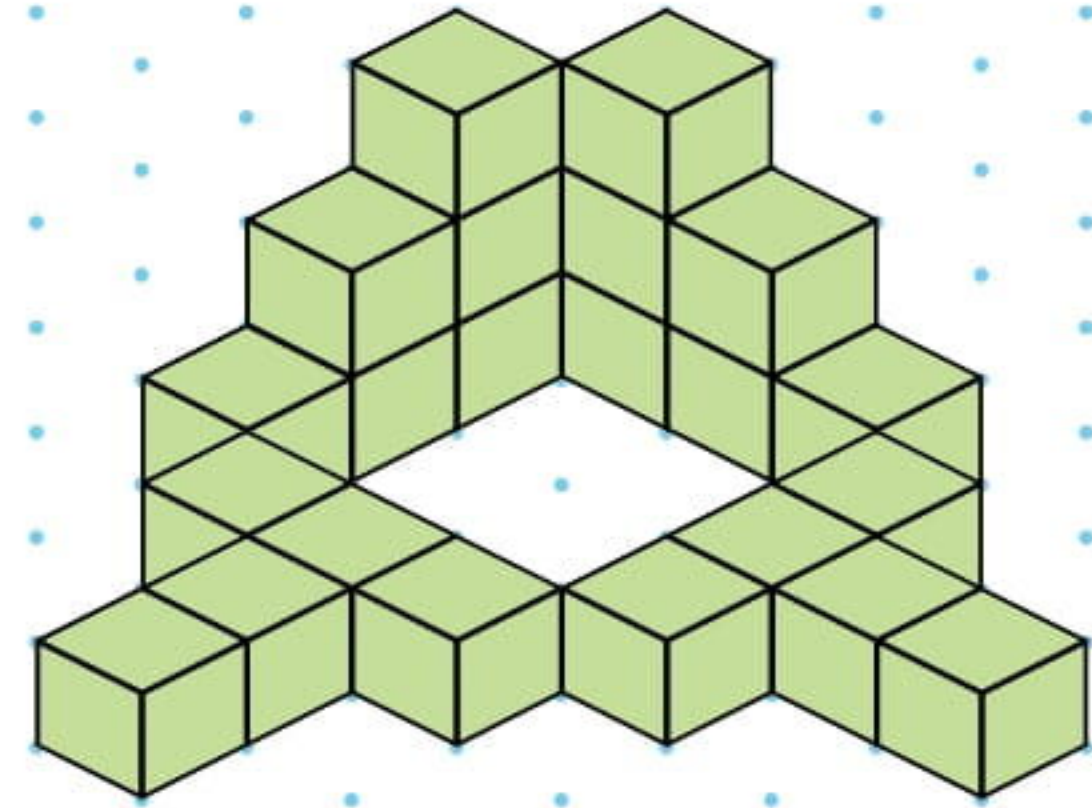


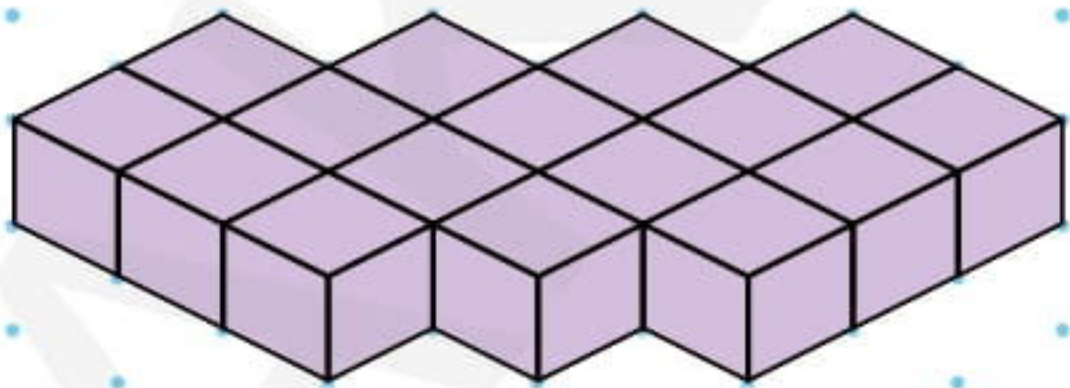


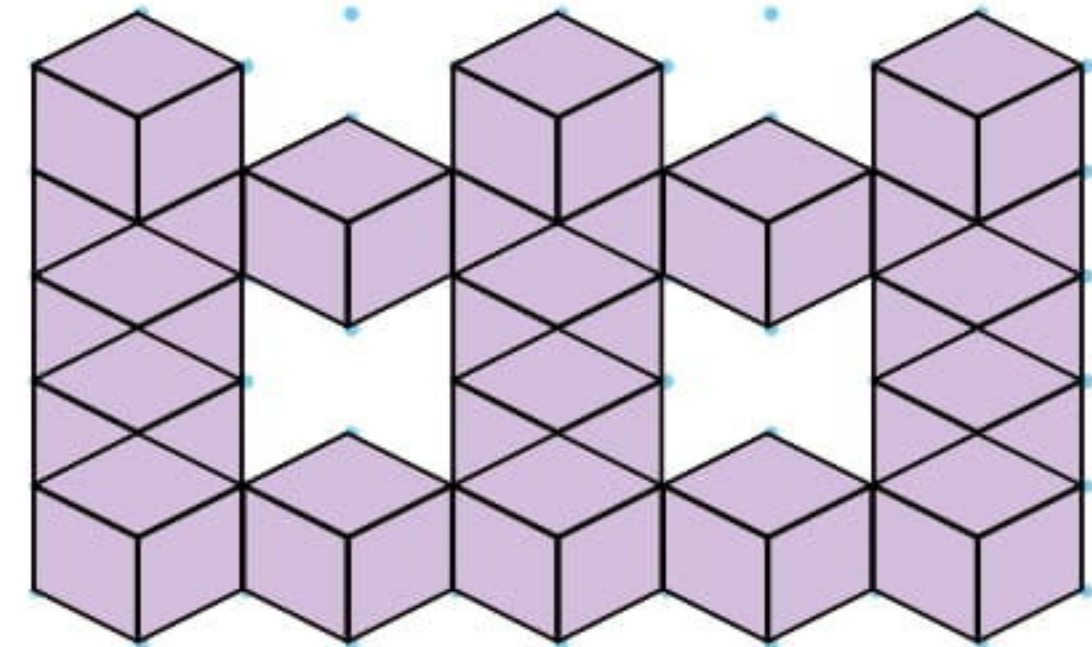




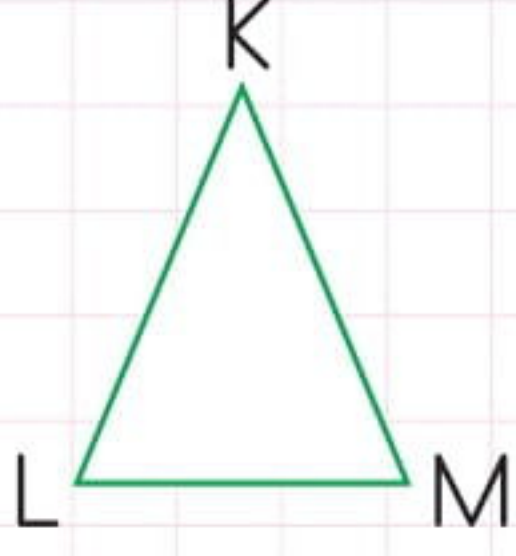








1.



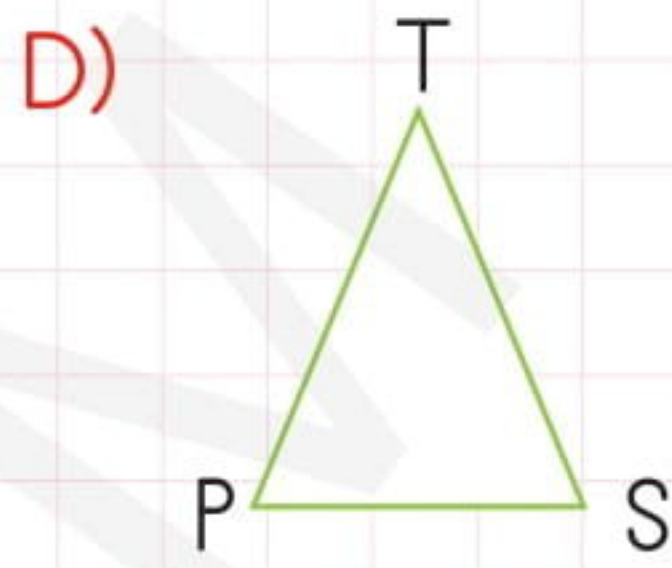
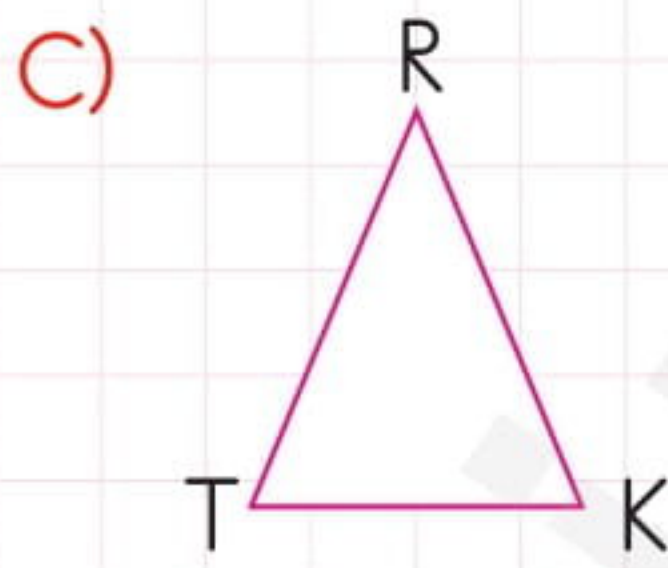
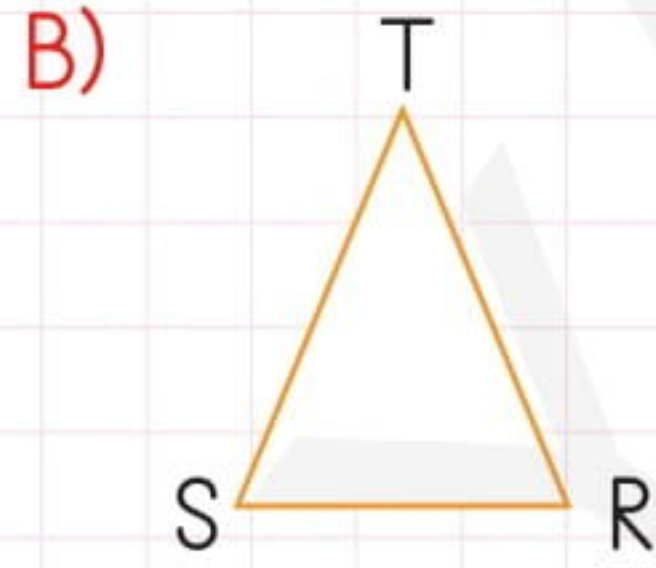
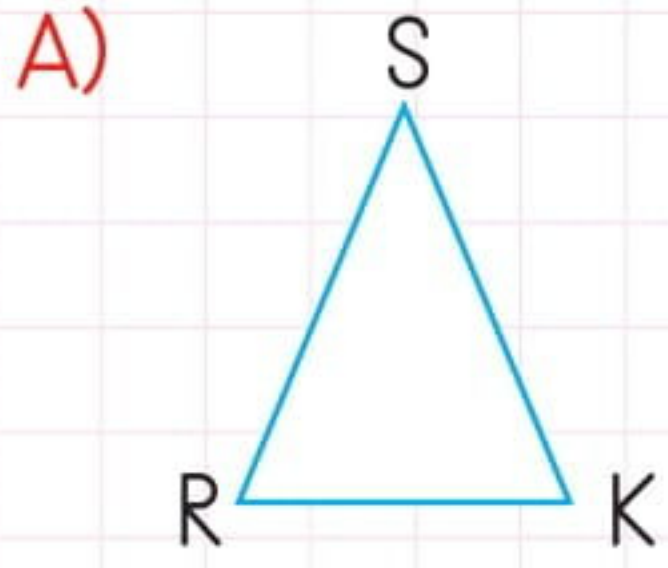
Aşağıdakilerden hangisi yandaki üçgenin kenarlarından biri değildir?

- A) [KL] B) [KN]
C) [LM] D) [KM]

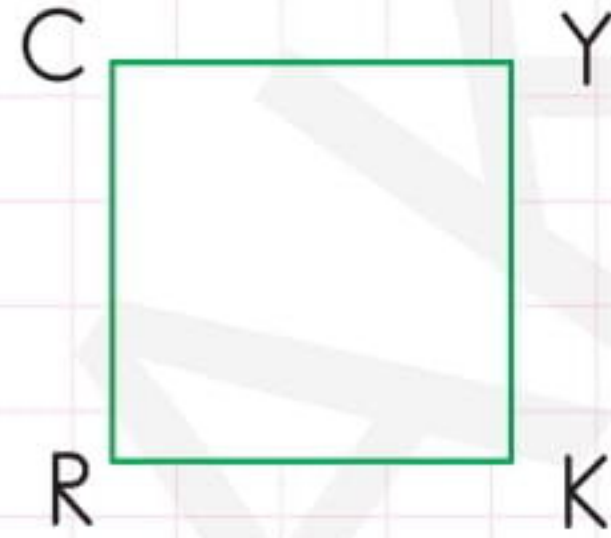
2.

[TS], [TR], [SR]

Yukarıda kenarları verilmiş olan üçgen aşağıdakilerden hangisidir?



3.

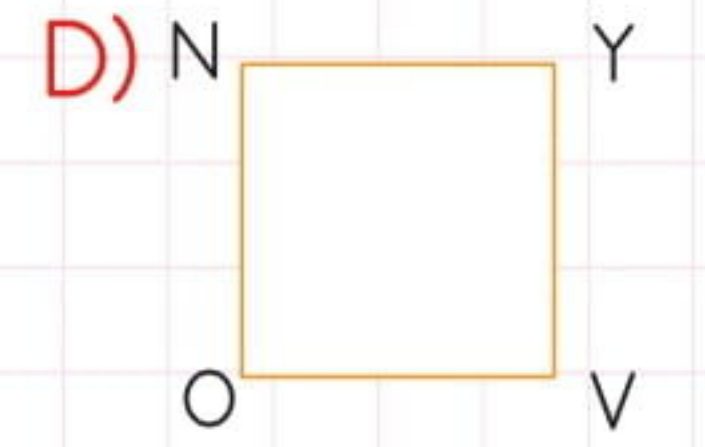
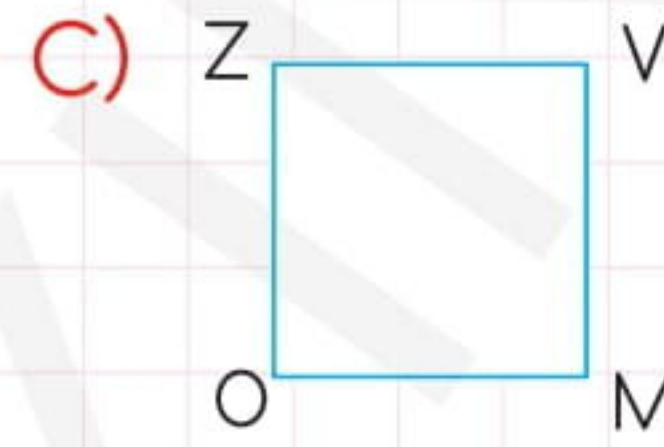
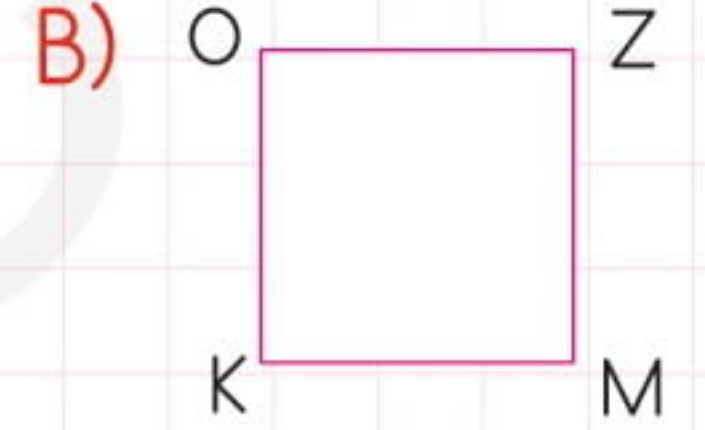
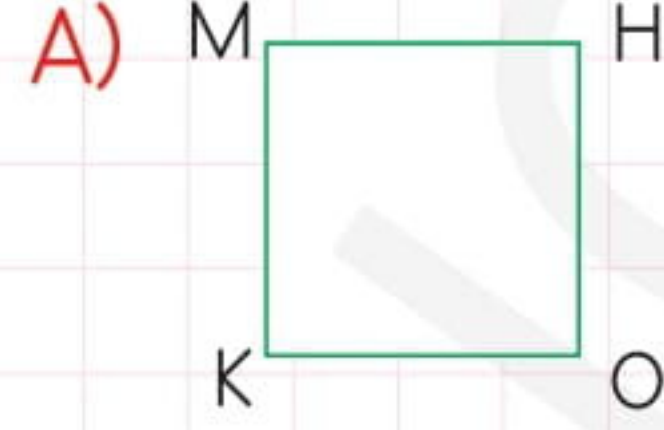


Aşağıdakilerden hangisi yandaki karenin kenarlarından biri değildir?

- A) [CR] B) [YR]
C) [RK] D) [YC]

4. M köşesi, O köşesi, V köşesi, Z köşesi

Aşağıdakilerden hangisi yukarıda köşelerinin isimleri verilen karedir?



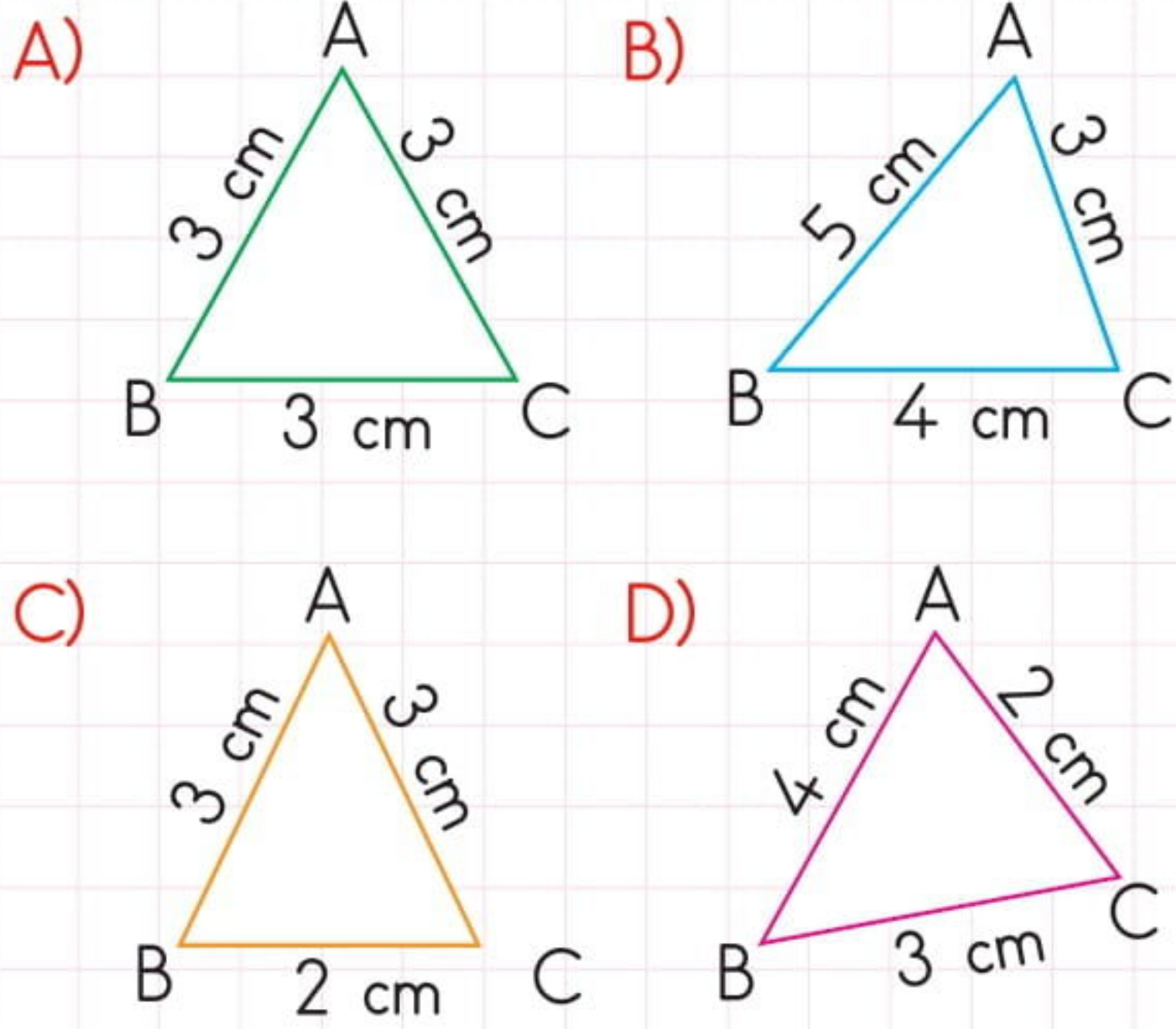
5.



Aşağıdakilerden hangisi yukarıdaki dikdörtgenin kenar uzunluklarından biri olamaz?

- A) $s[AC] = 6$ cm
B) $s[AD] = 8$ cm
C) $s[BC] = 8$ cm
D) $s[AB] = 7$ cm

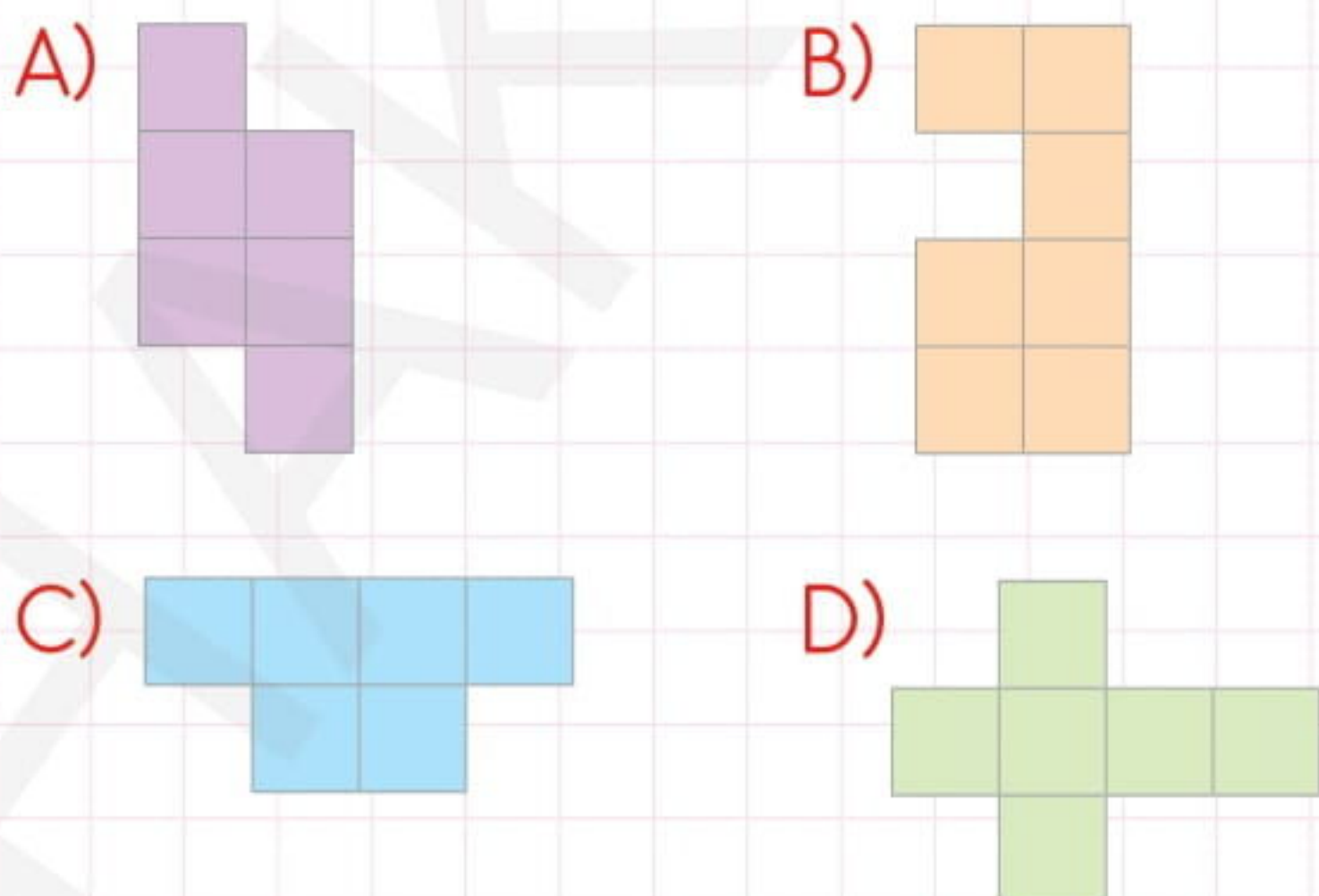
6. Aşağıdaki üçgenlerden hangisi eşkenar üçgendir?



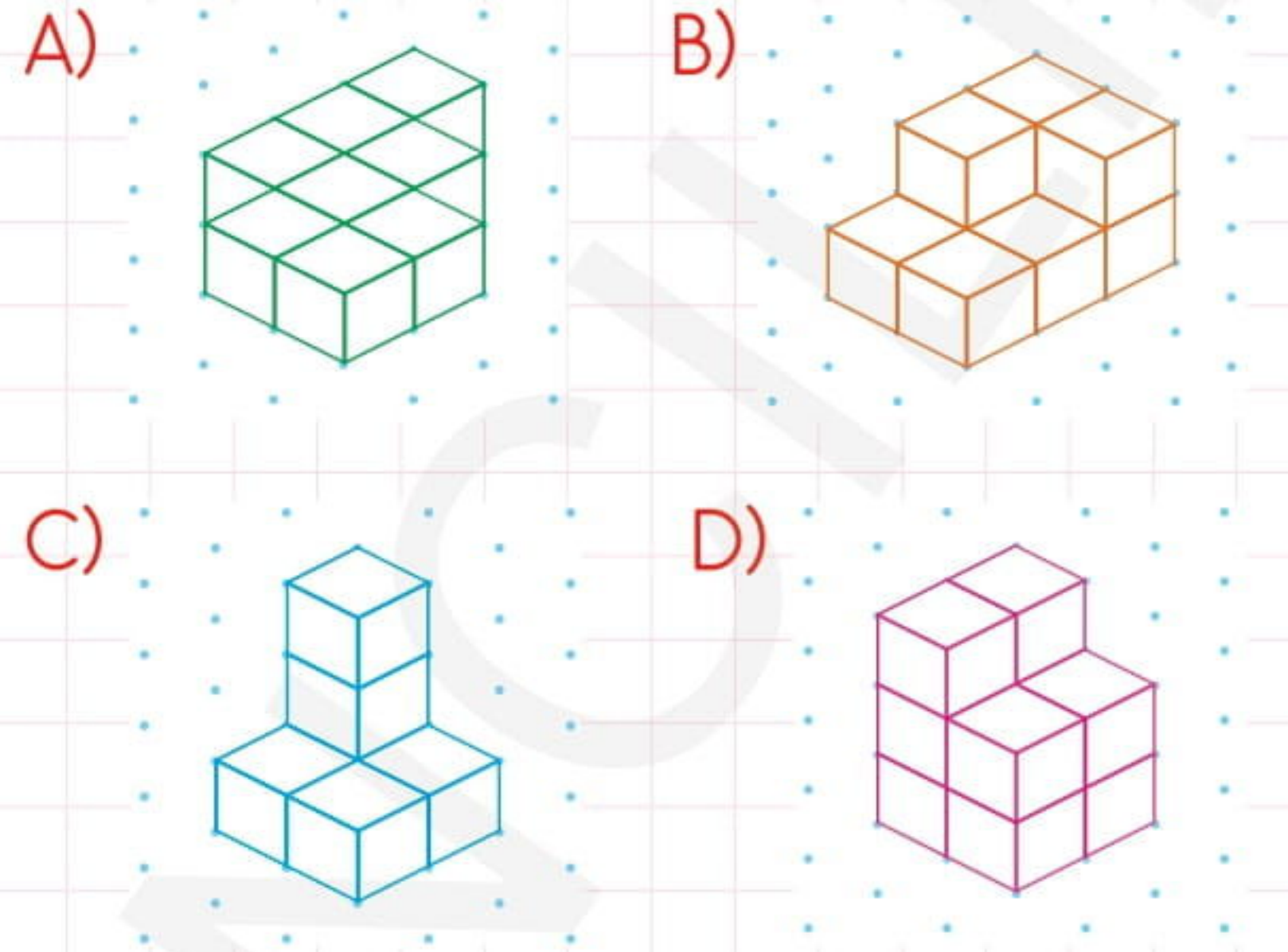
7. Aşağıdakilerden hangisi bir çeşit kenar üçgenin özelliğidir?

- A) Tüm kenar uzunlukları birbirine eşittir.
 B) Uzun kenarları aynı uzunluktadır.
 C) Bütün kenarları farklı uzunluktadır.
 D) İki kenarının uzunluğu birbirine eşittir.

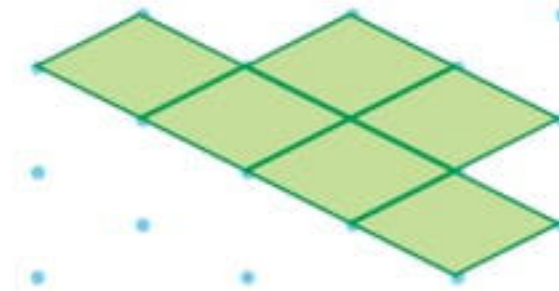
8. Aşağıdakilerden hangisi bir küpün açını olamaz?



9. Aşağıda eş küplerden oluşmuş yapılardan hangisinde 10 tane küp kullanılmıştır?



10.



Yukarıda verilen plan aşağıdaki yapılardan hangisine ait değildir?

