

Ad-Soyad: _____

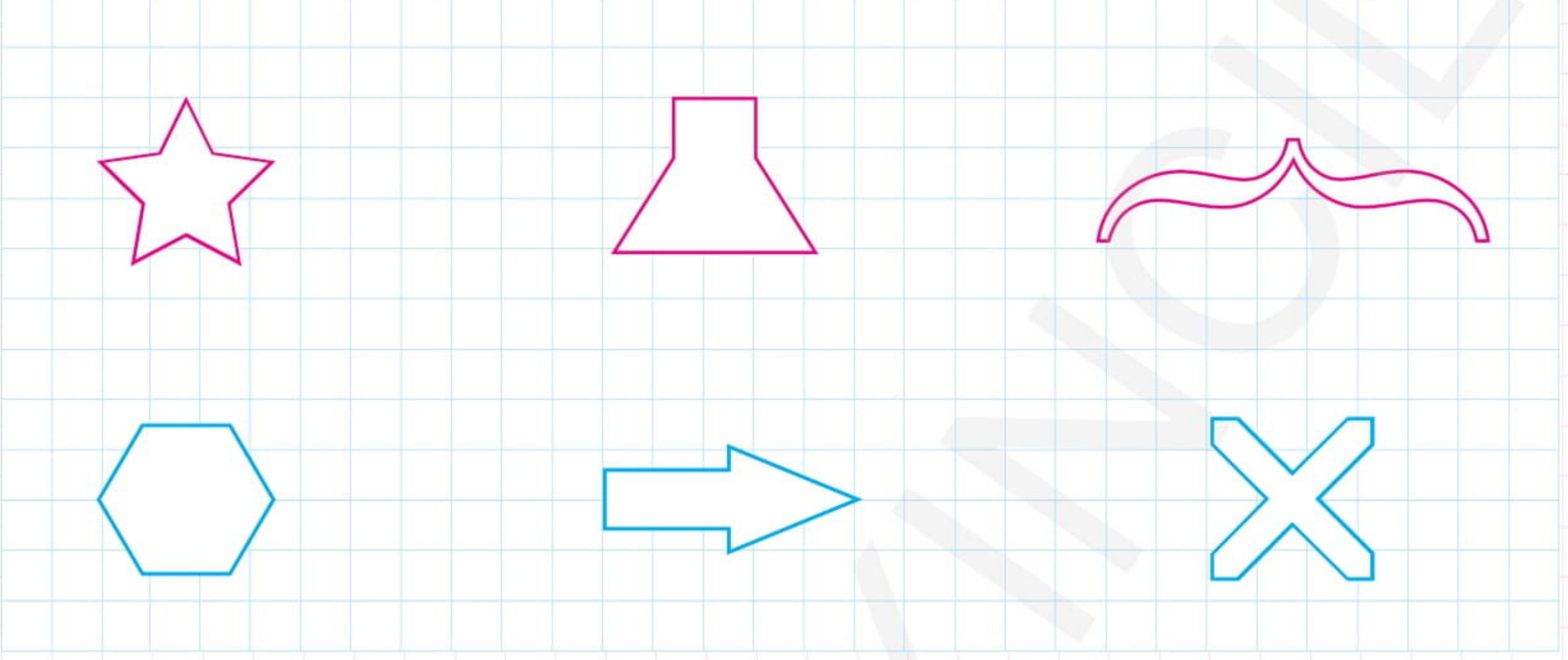
No: _____

Matematik Çalışma Kağıdı

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Uzamsal İlişkiler - Simetri Doğrusu

1. Aşağıdaki şekillerin simetri doğrularını çizelim.



2. Aşağıdaki harf ve rakamların simetri doğrularını çizelim.

M

U

B

Y

E

A

D

K

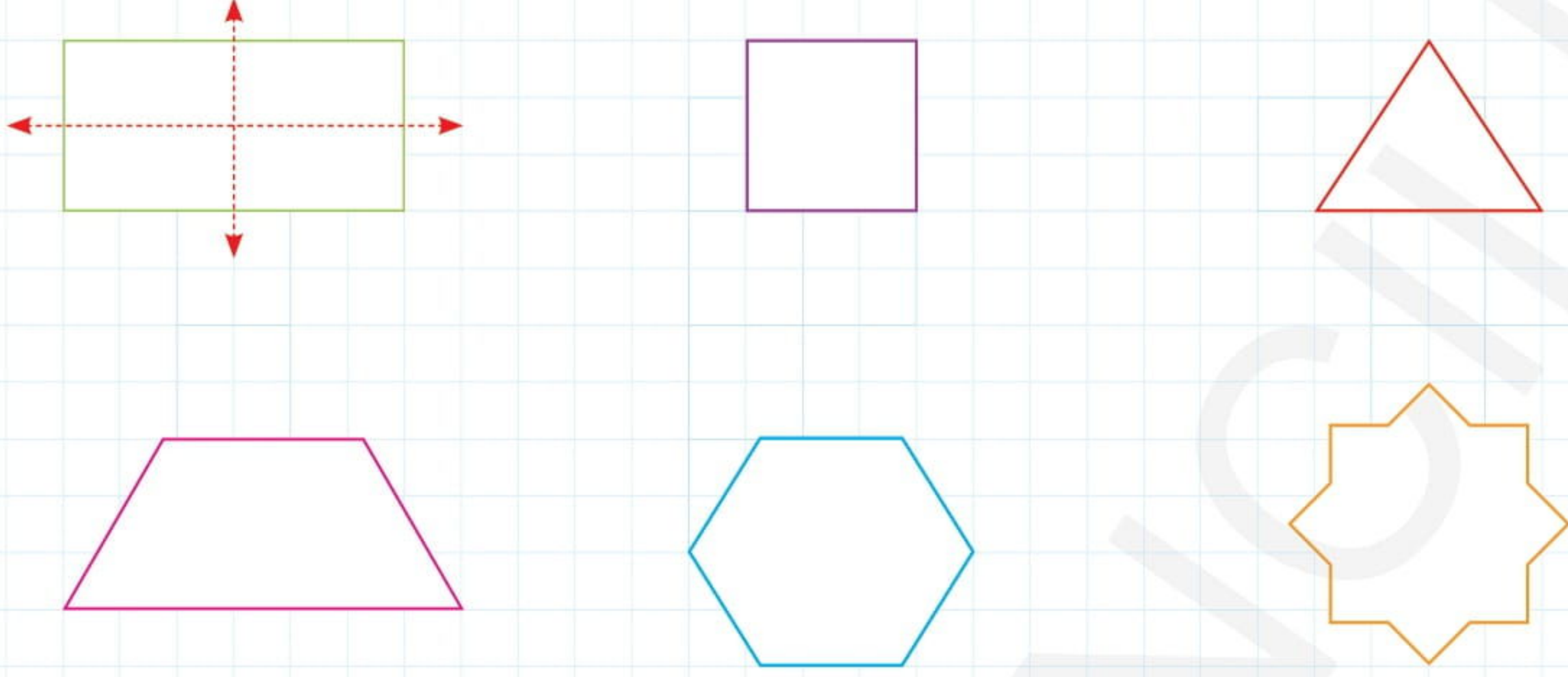
H

3

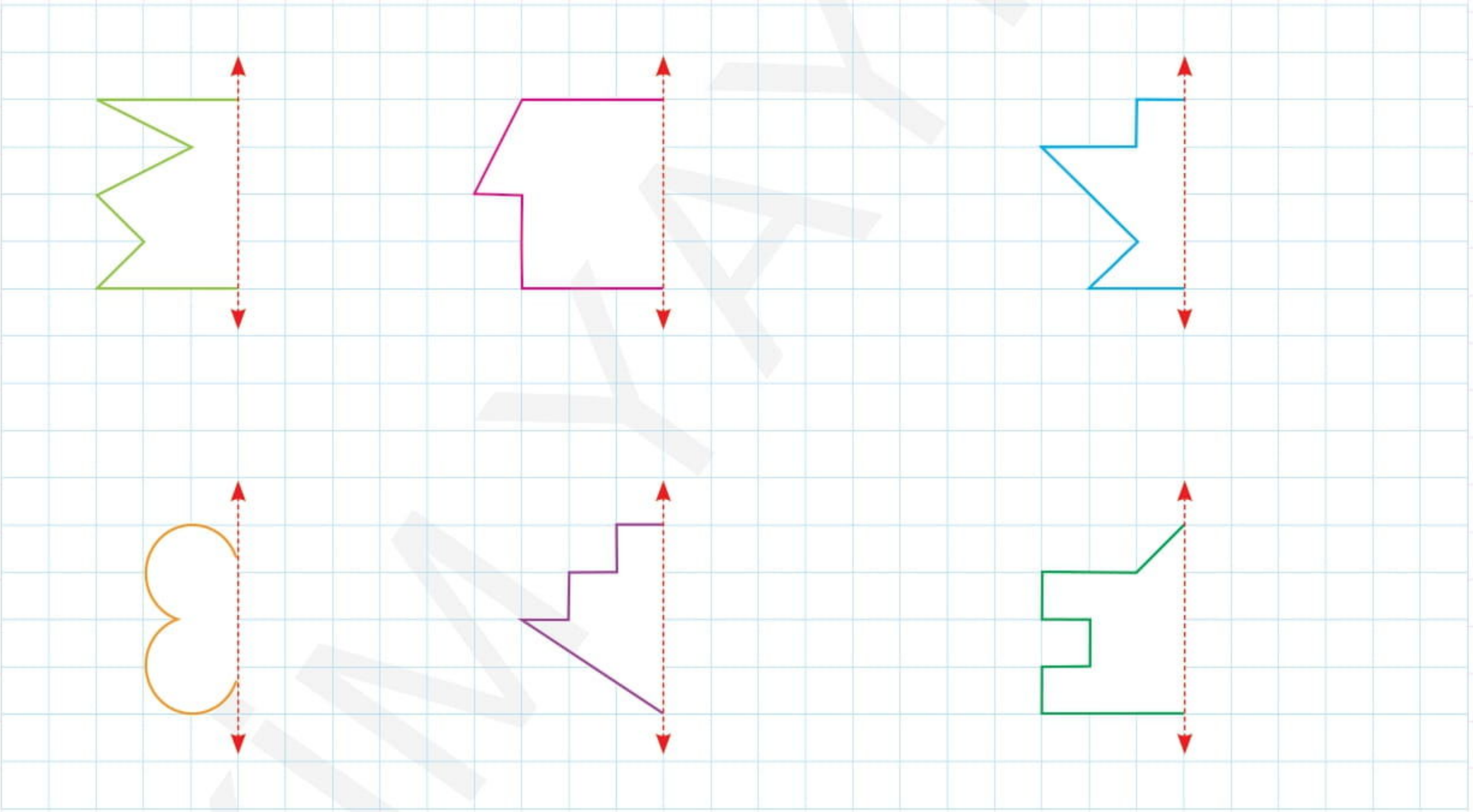
8

0

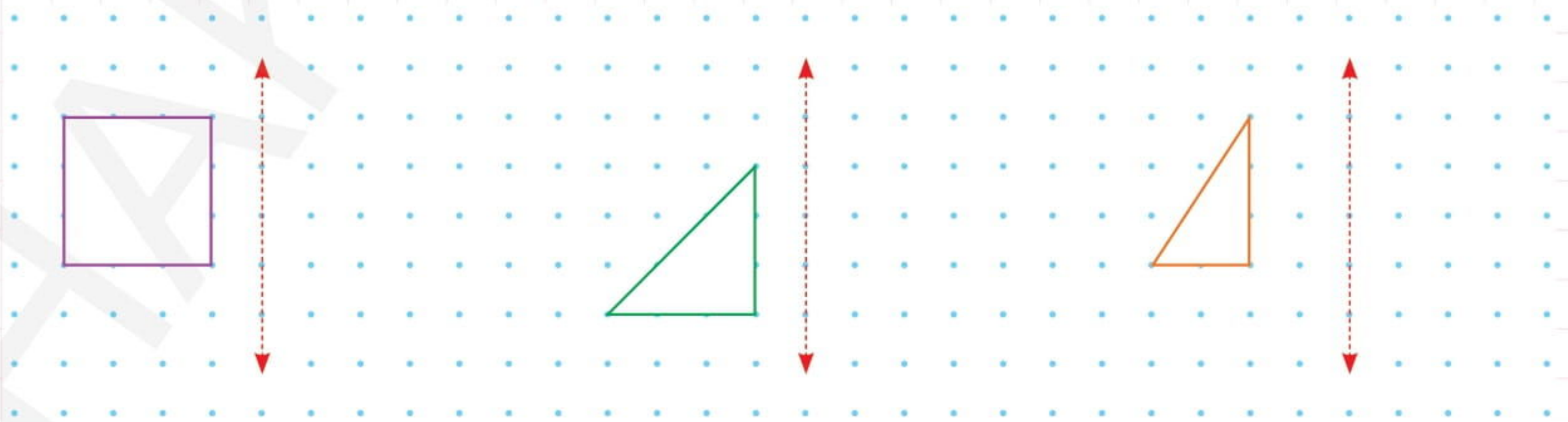
3. Aşağıdaki şekillerin kaç tane simetri doğrusu olduğunu örnekteki gibi çizerek gösterelim.



4. Aşağıdaki şekillerin simetri doğrusuna göre simetriklerini çizelim.



5. Aşağıdaki şekillerin simetri doğrusuna göre simetriklerini çizelim.



Ad-Soyad: _____

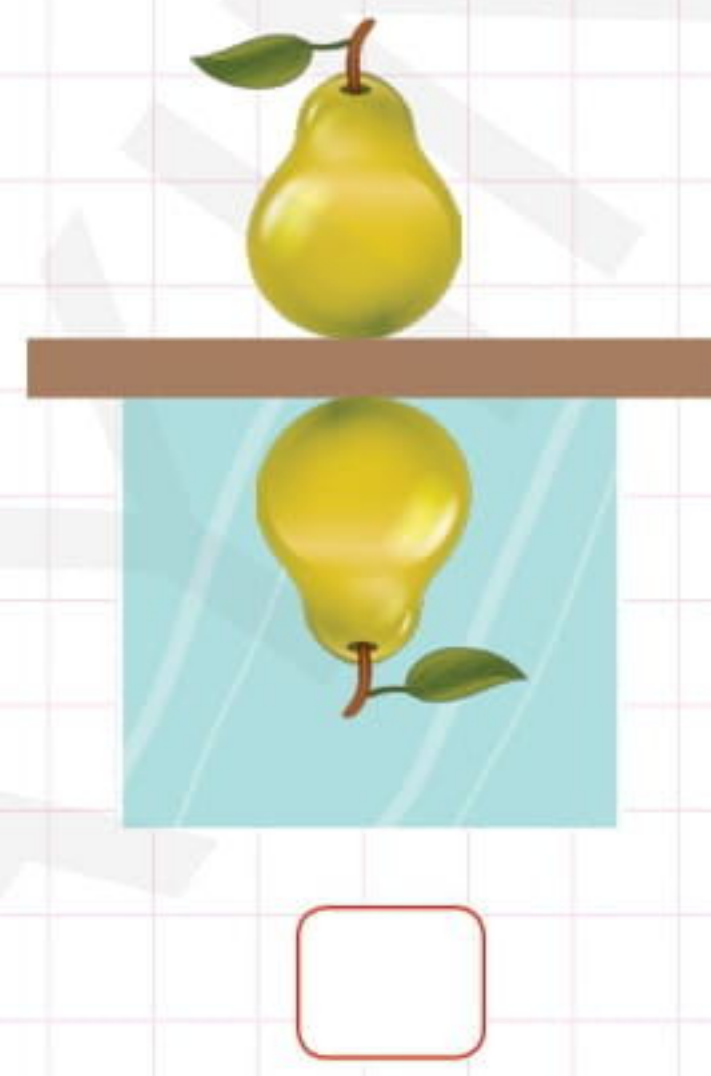
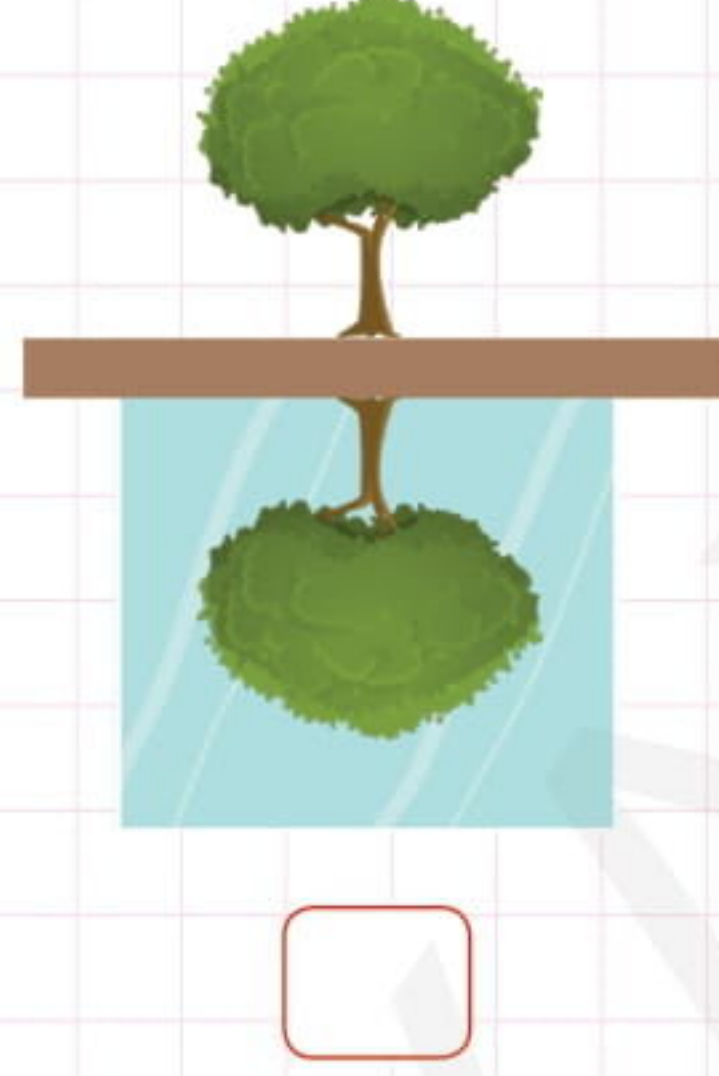
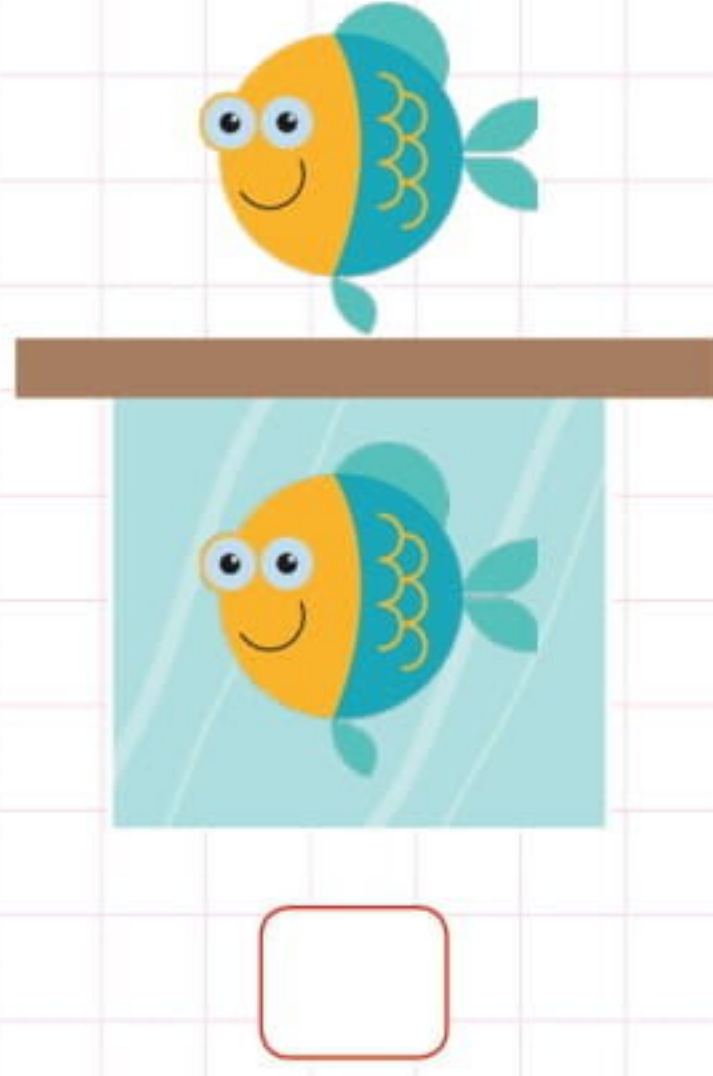
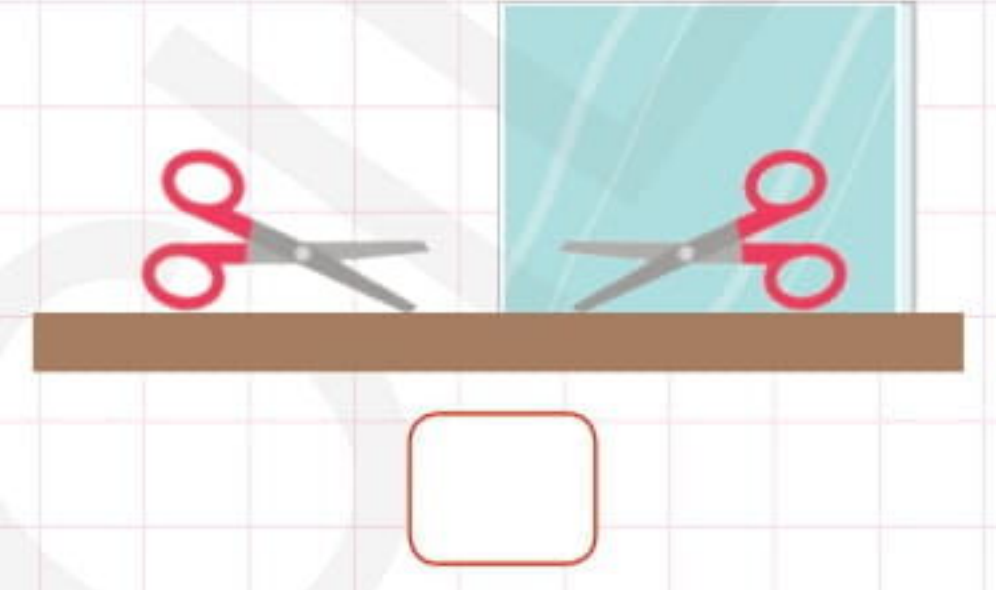
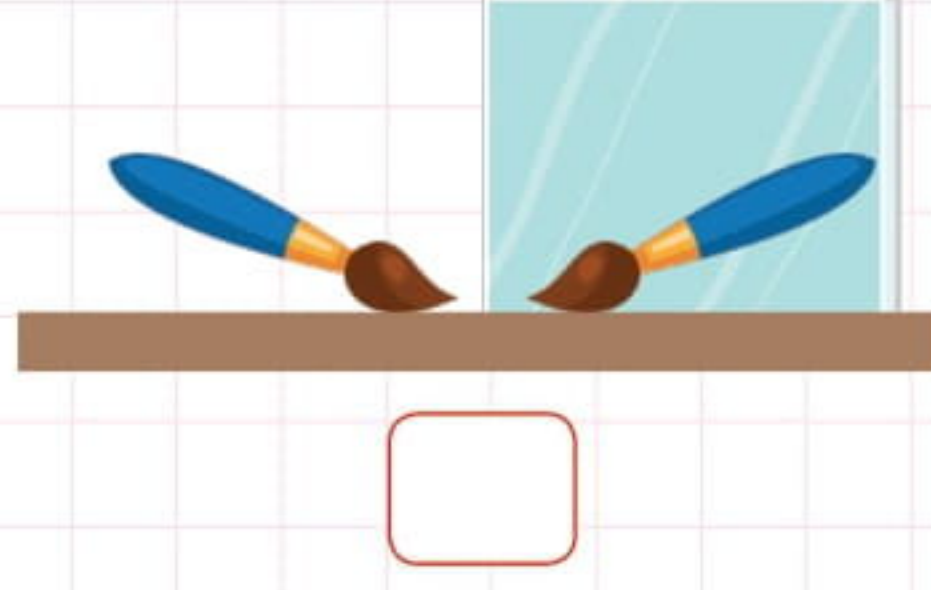
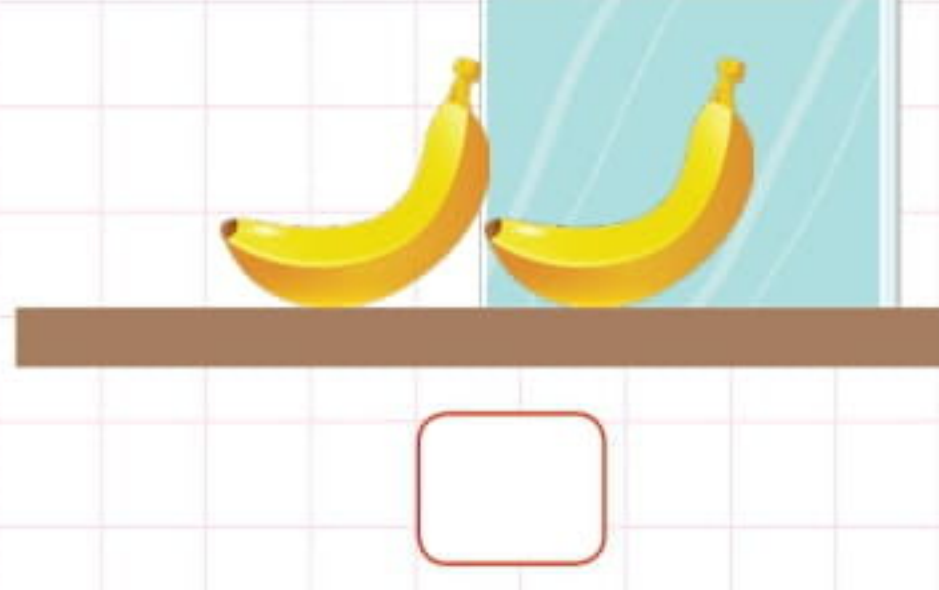
No: _____

Matematik Çalışma Kağıdı

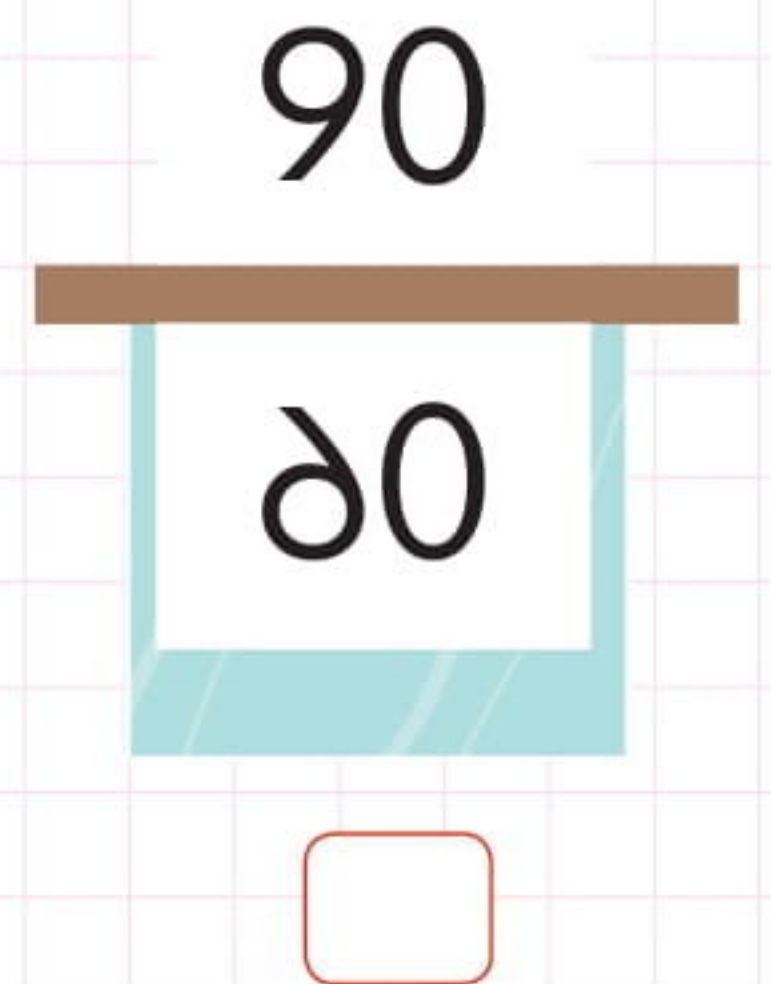
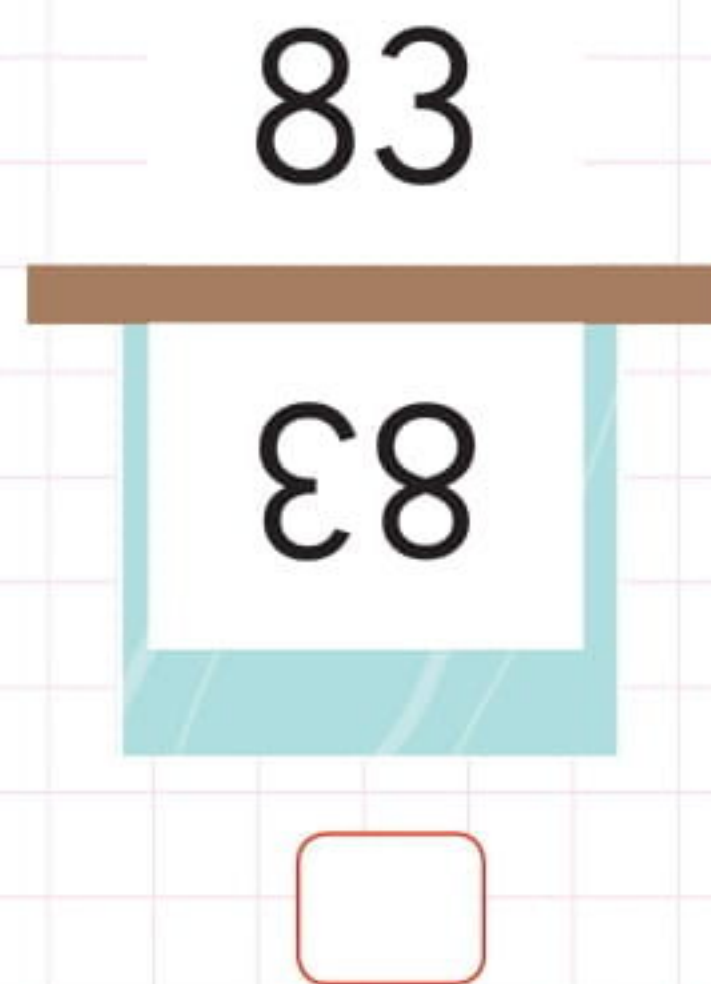
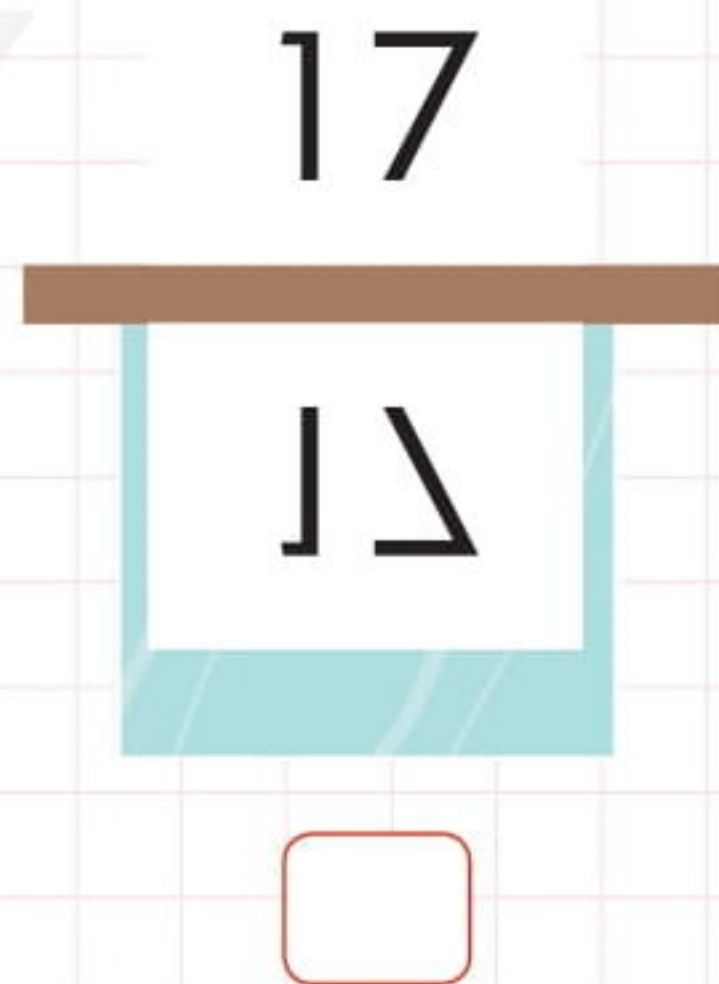
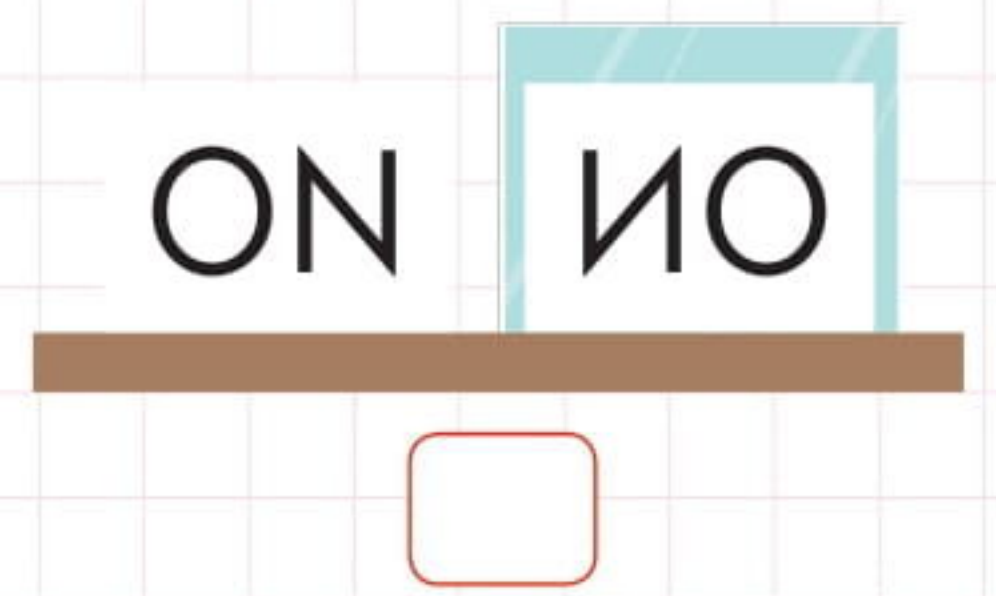
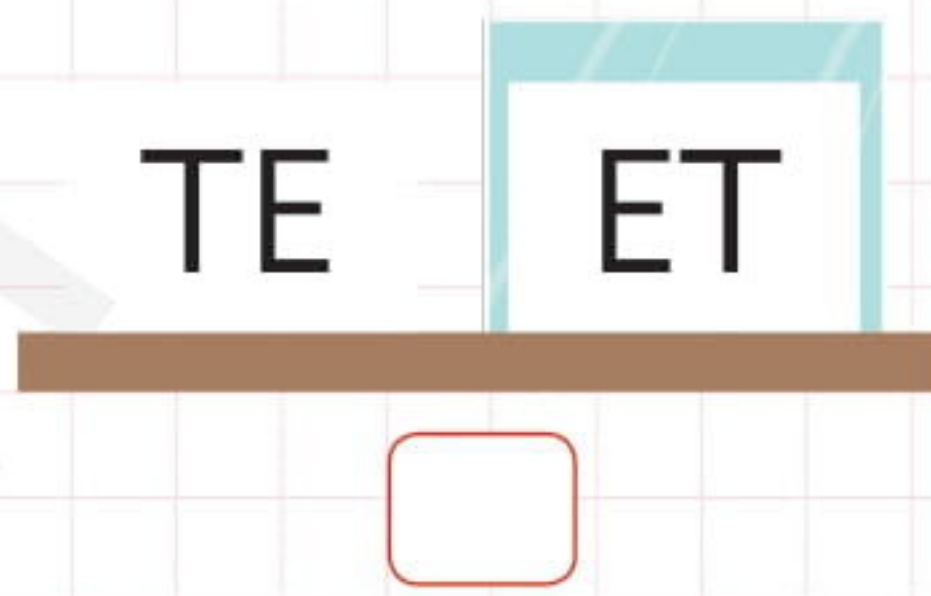
47

Uzamsal İlişkiler - Ayna Görüntüsü ve Simetri Doğrusu

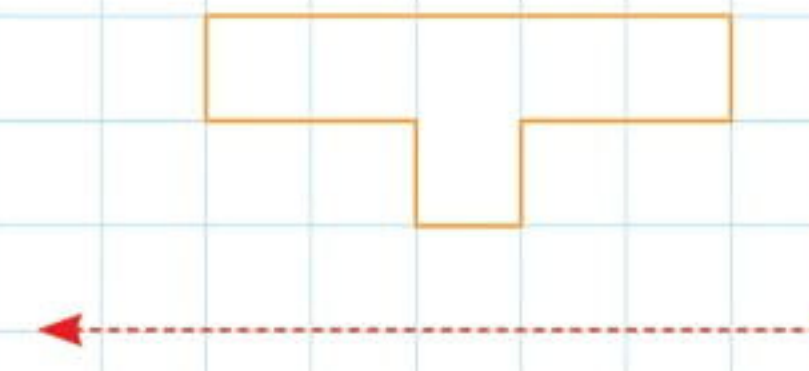
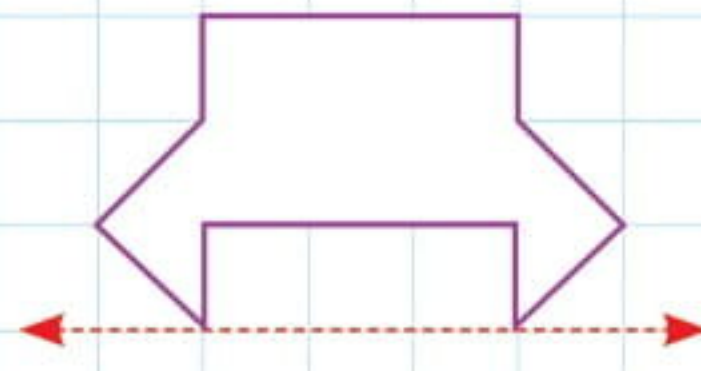
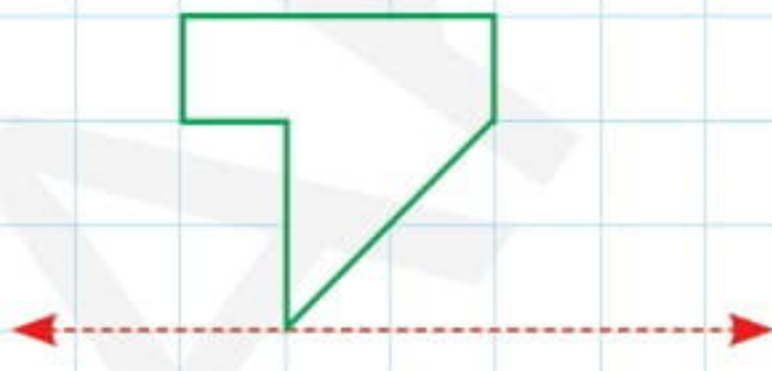
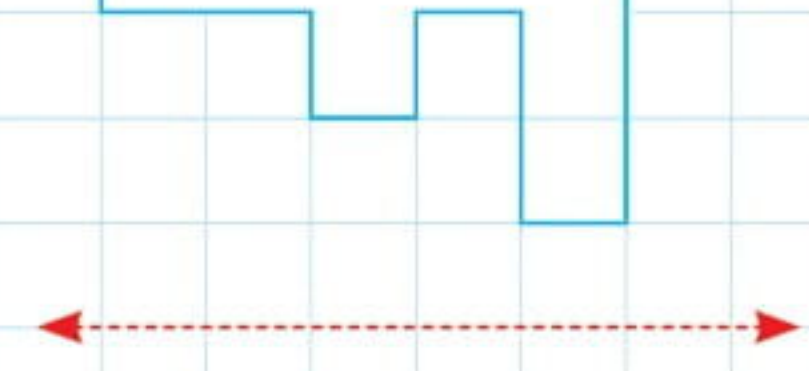
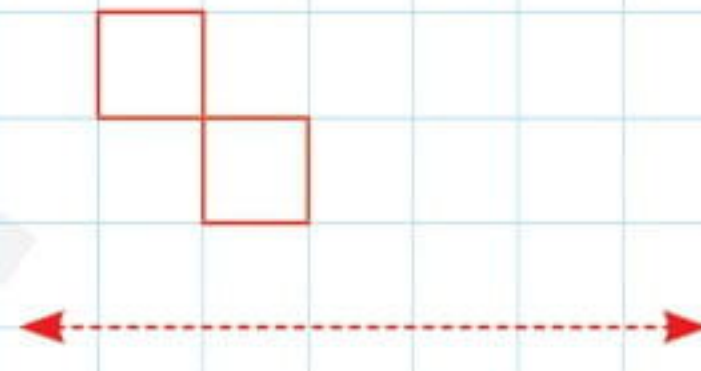
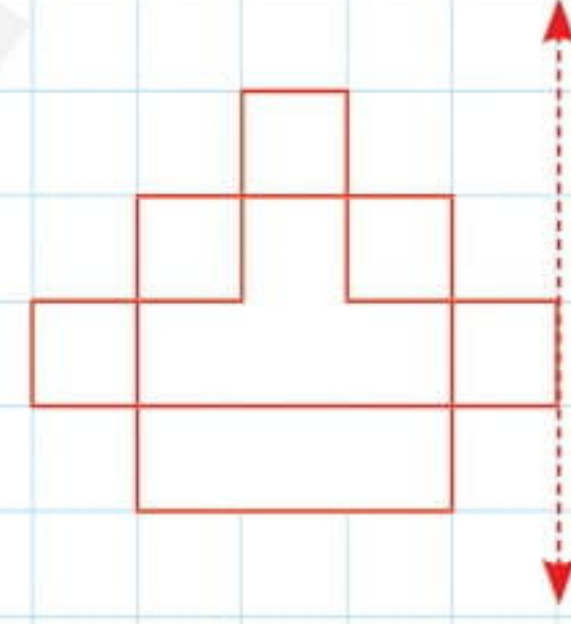
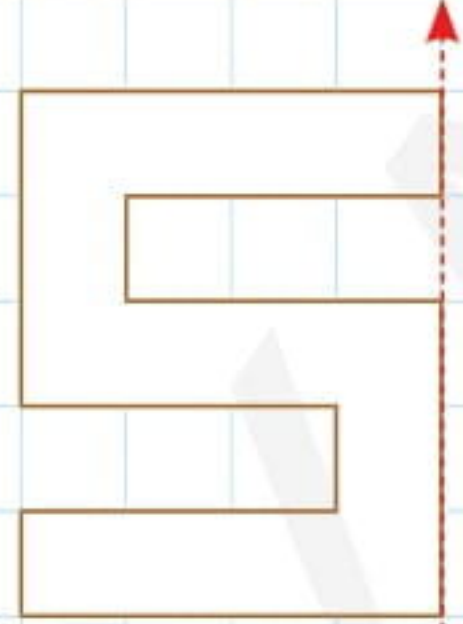
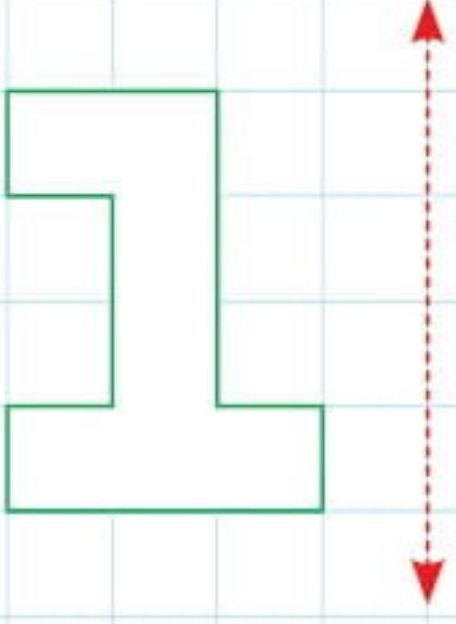
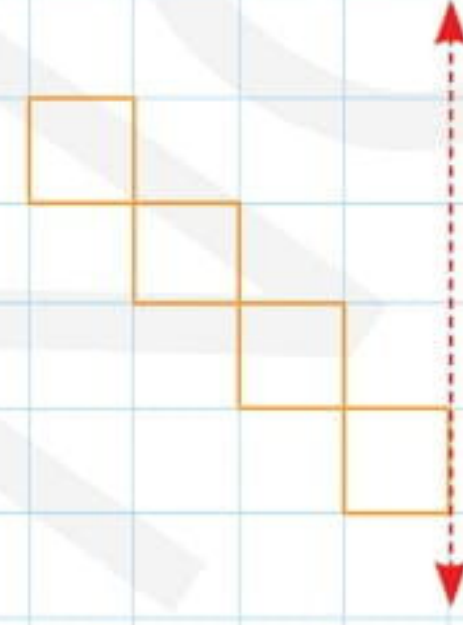
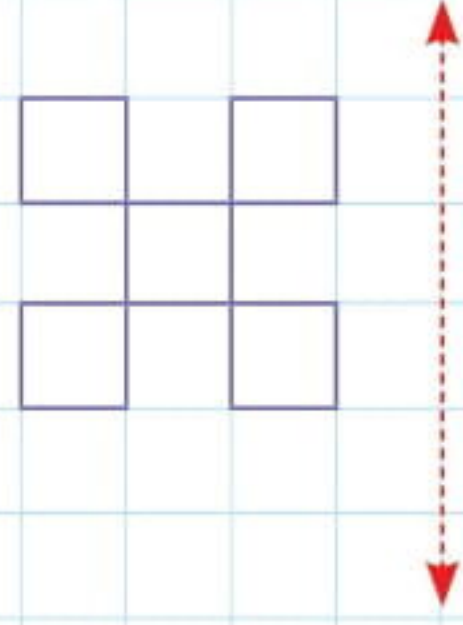
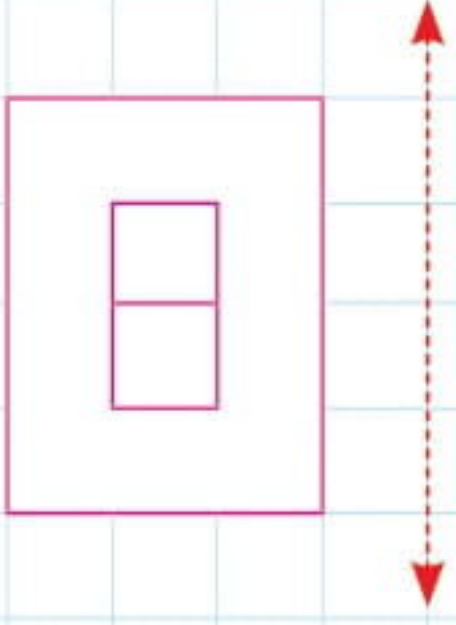
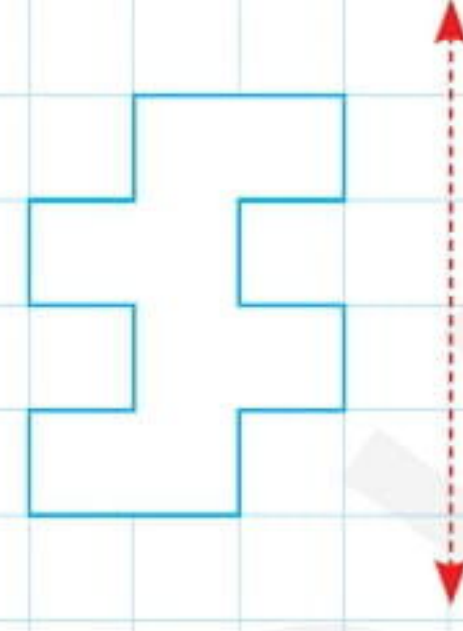
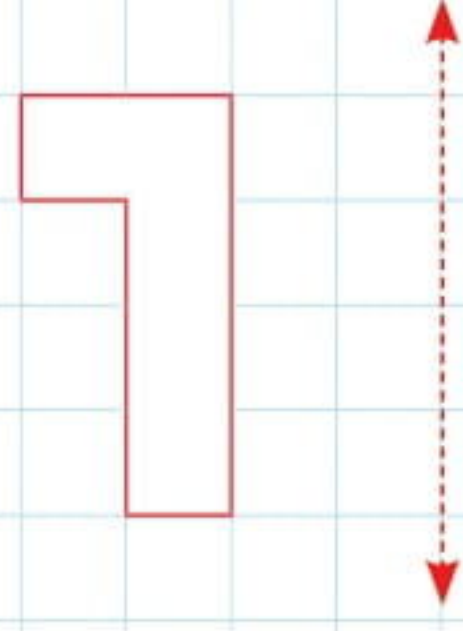
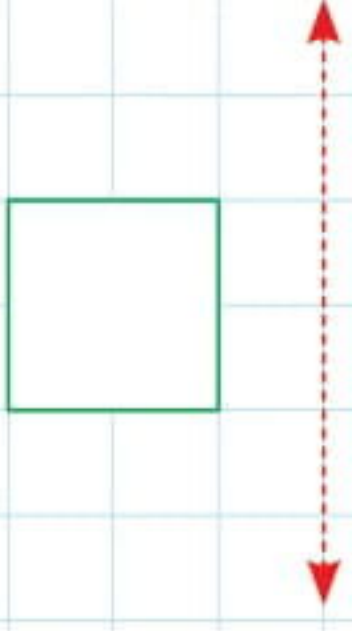
1. Aşağıda verilen varlıklardan aynadaki görüntüleri doğru olanlarını işaretleyelim.



2. Aşağıda kağıda çizilmiş sayı ve harflerin aynadaki görüntüleri doğru olanlarını işaretleyelim.



3. Aşağıdaki şekillerin simetri doğrusuna göre simetriklerini çizelim.



Ad-Soyad: _____

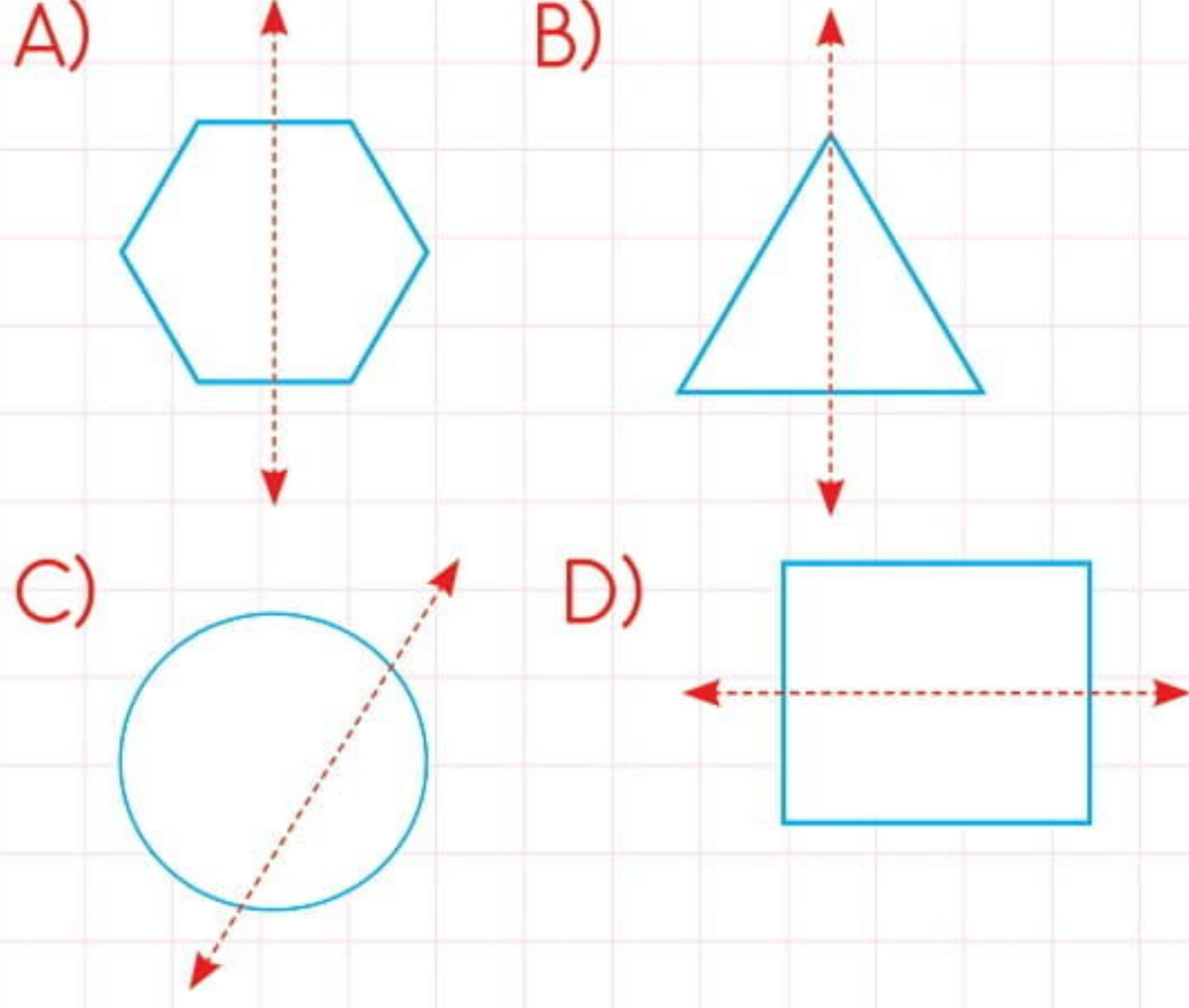
No: _____

Matematik Çalışma Kağıdı

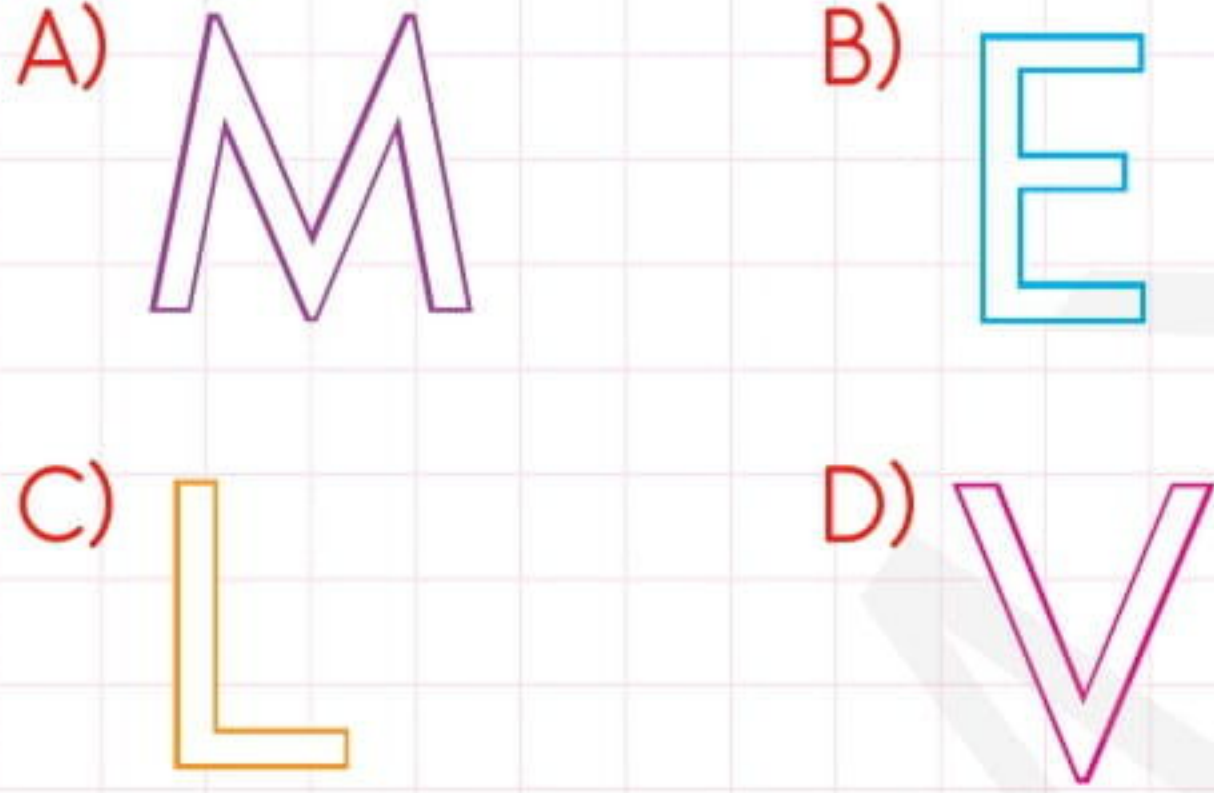
48

Öğrendiklerimizi Pekiştirelim - 7

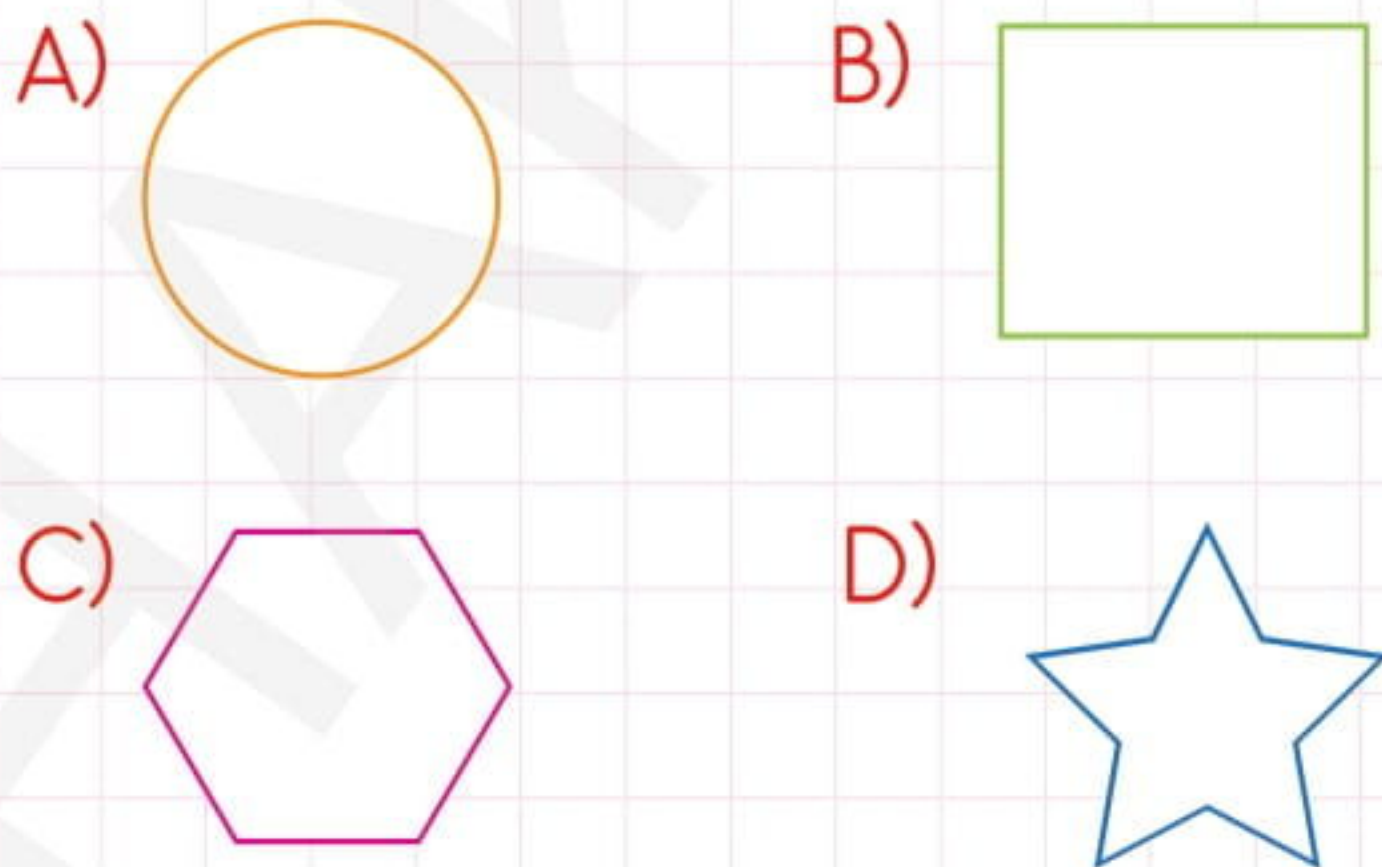
1. Aşağıdaki şekillerden hangisinin simetri doğrusu yanlış çizilmiştir?



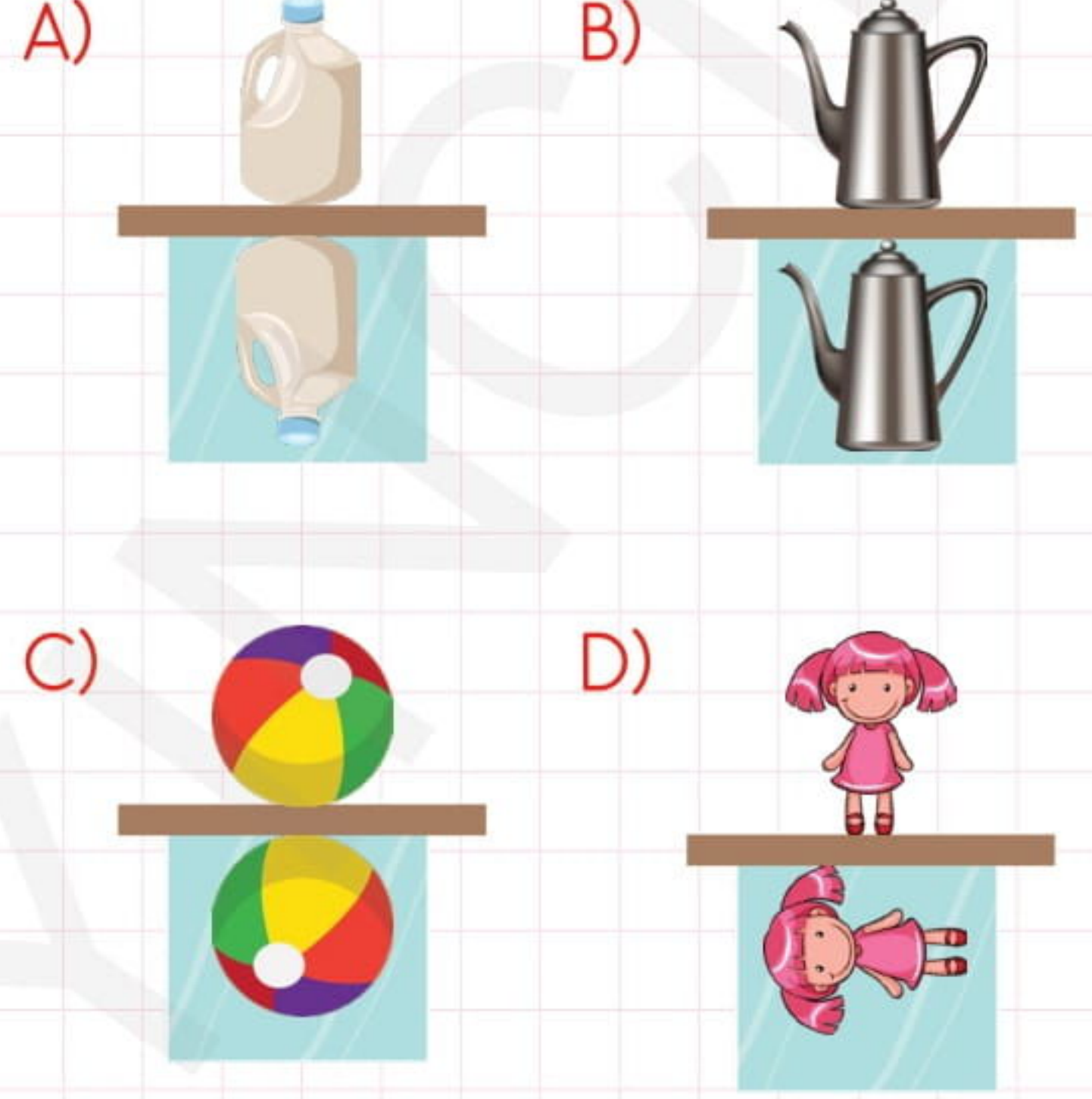
2. Aşağıda verilen harflerden hangisi simetrik değildir?



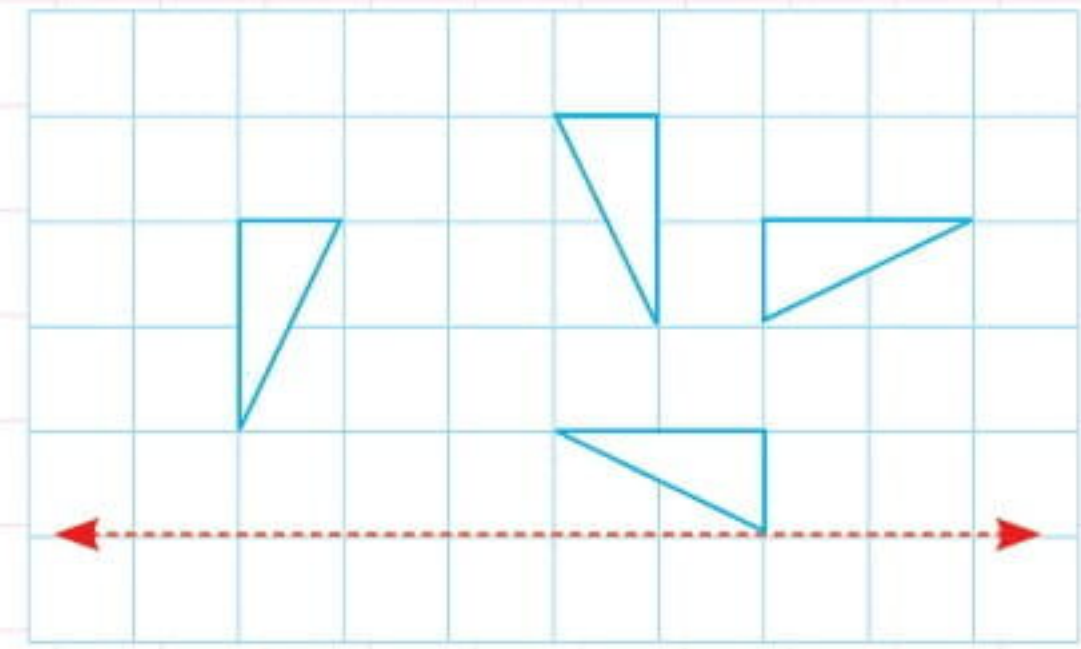
3. Aşağıdaki şekillerden hangisine çizilebilecek simetri doğrusu sayısı diğerlerinden fazladır?



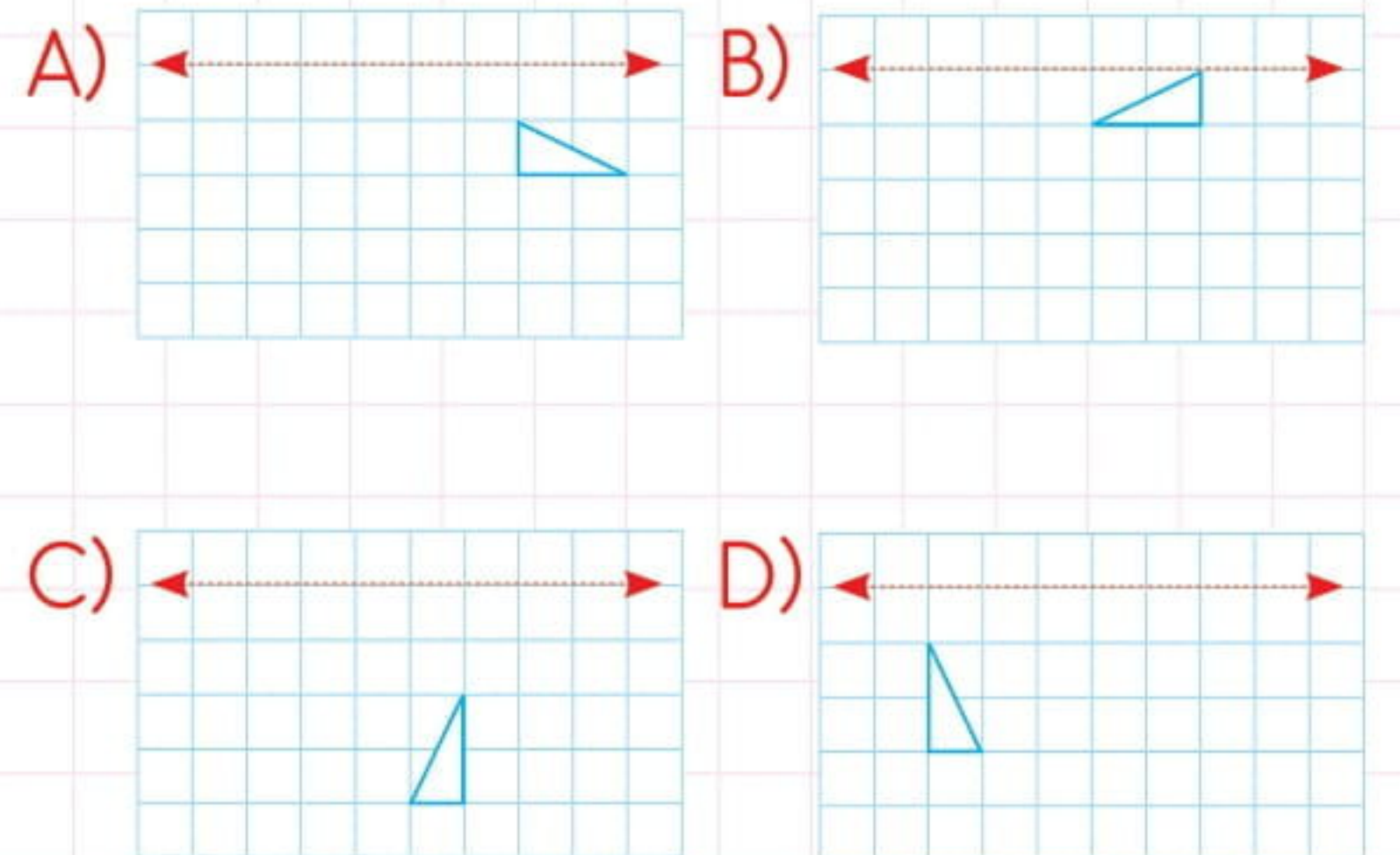
4. Aşağıdaki nesnelere hangisinin aynadaki görüntüsü doğrudur?



5.



Aşağıdakilerden hangisi yukarıdaki şekillerden birinin simetriği değildir?

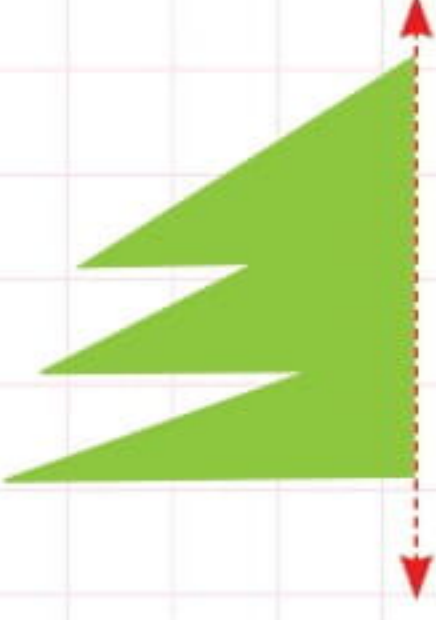


6.

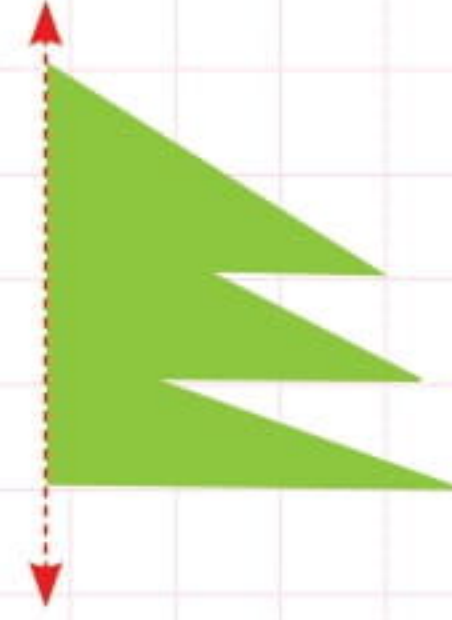


Yukarıdaki şeklin simetriği hangisinde doğru çizilmiştir?

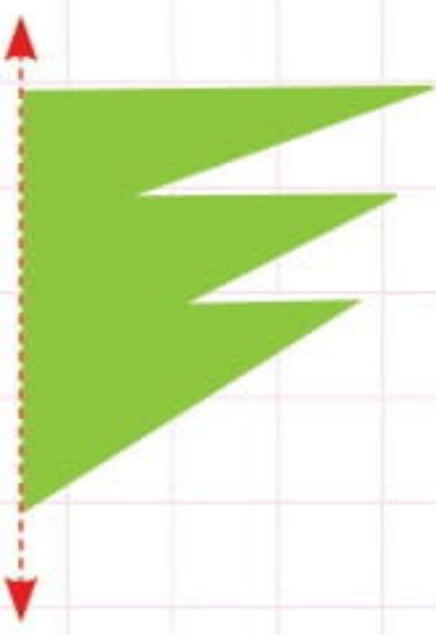
A)



B)



C)

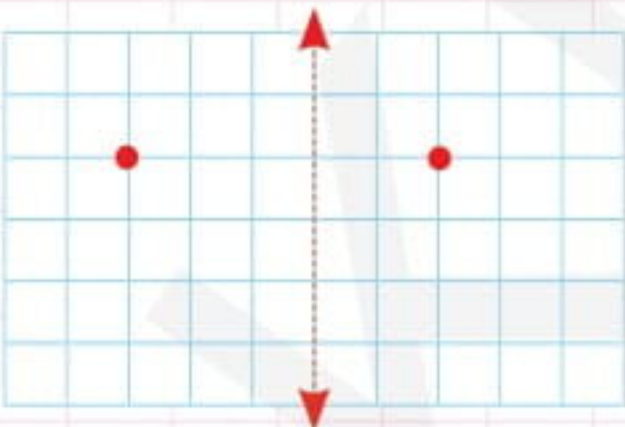


D)

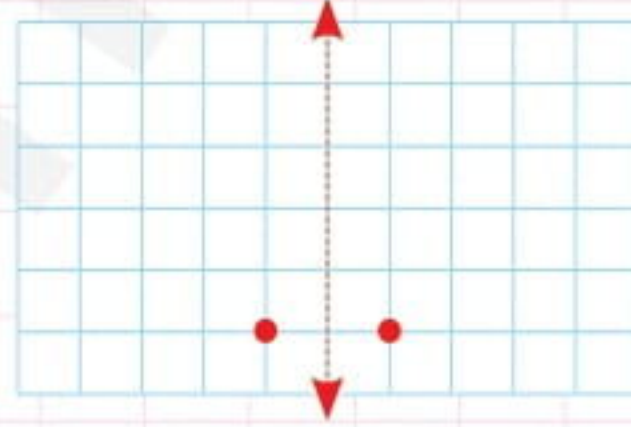


7. Aşağıdakilerden hangisinde noktanın simetriği yanlış çizilmiştir?

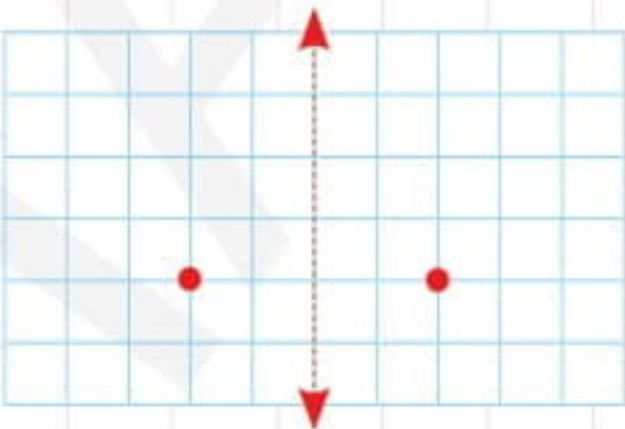
A)



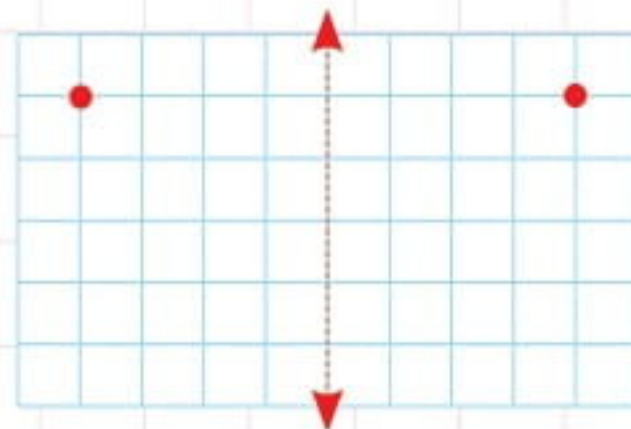
B)



C)



D)



8. Aşağıda verilen sayılardan hangisine birden fazla simetri doğrusu çizilebilir?

A)

1

B)

3

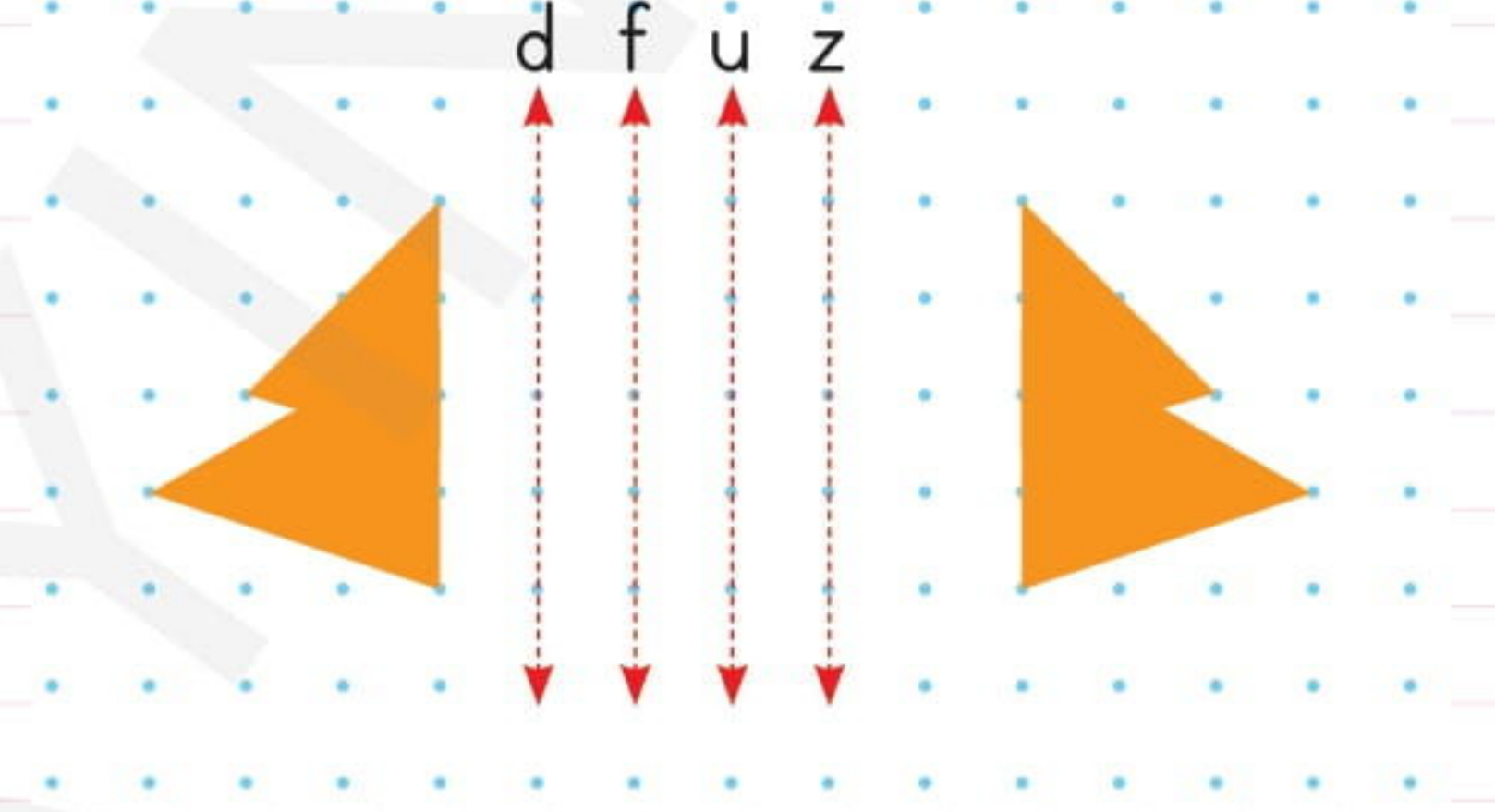
C)

8

D)

6

9.



Yukarıdaki şekiller birbirine simetriktir. Buna göre hangi doğru, bu şekillerin simetri doğrusudur?

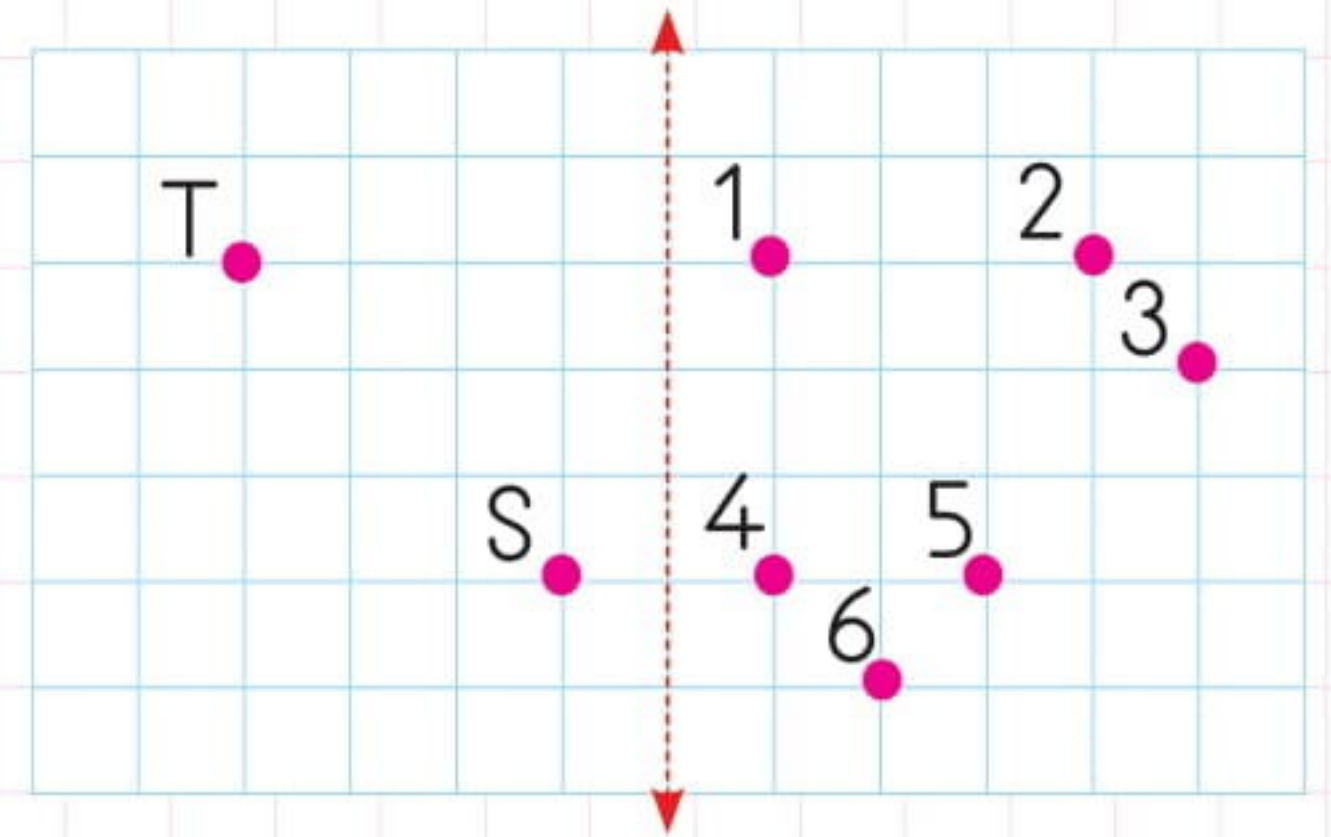
A) d

B) f

C) u

D) z

10.



T ve S noktalarının simetrikleri sırasıyla hangisinde verilmiştir?

A) 1-4

B) 3-5

C) 2-4

D) 1-6