

Ad-Soyad: _____

No: _____

Matematik Çalışma Kağıdı

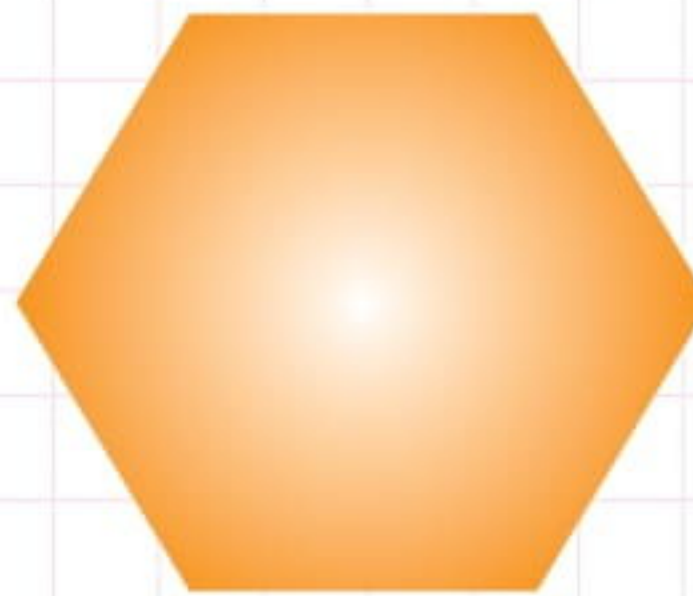
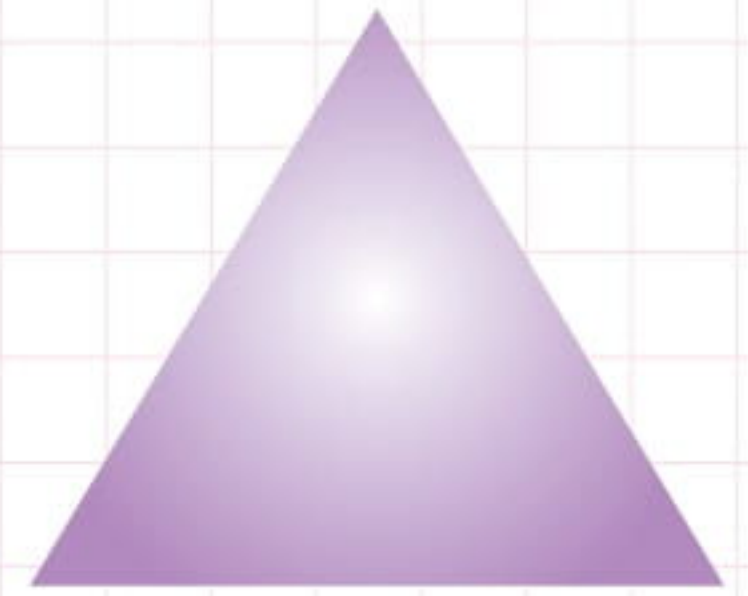
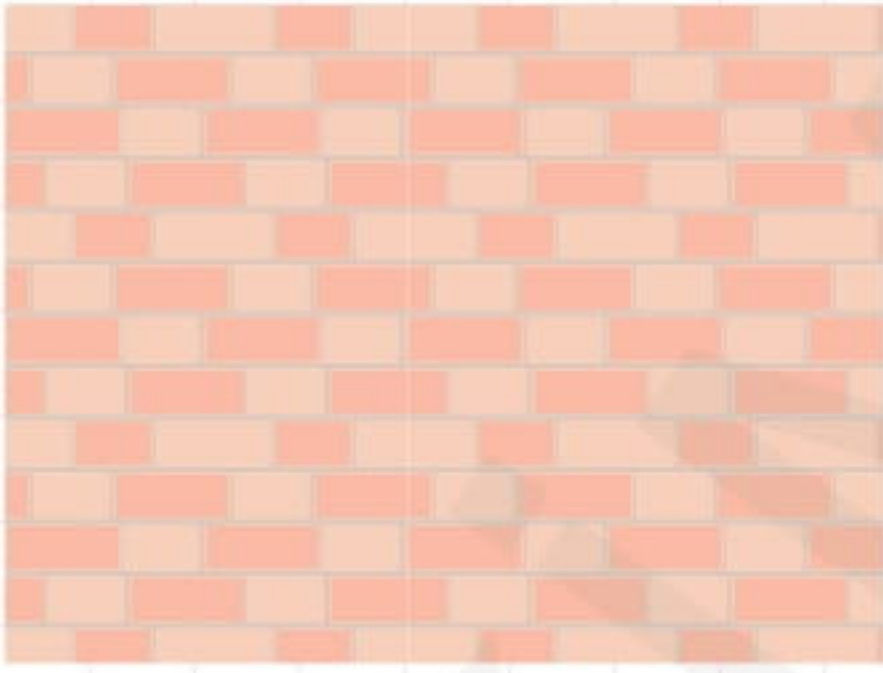
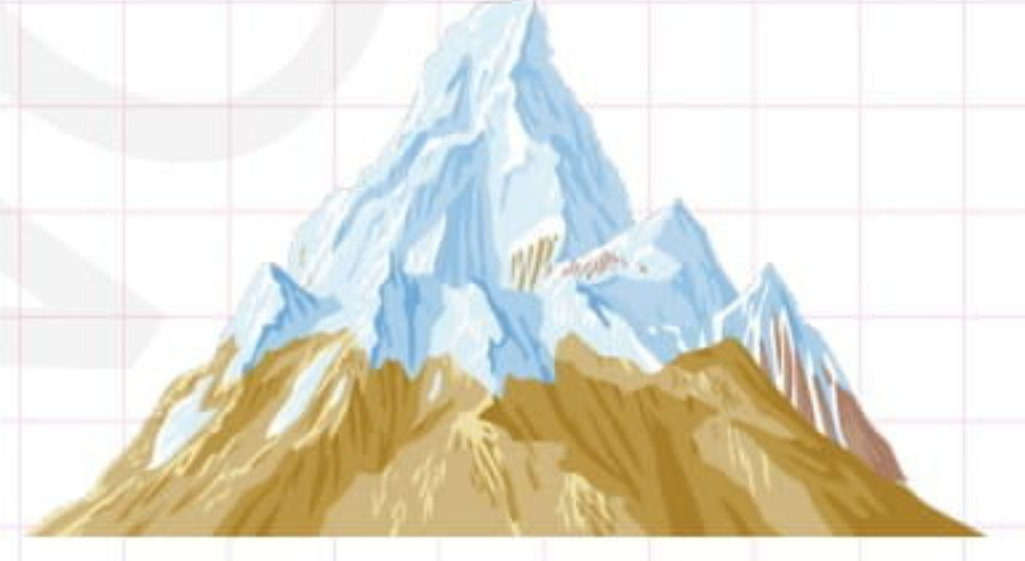
39

Düzlem ve Açı

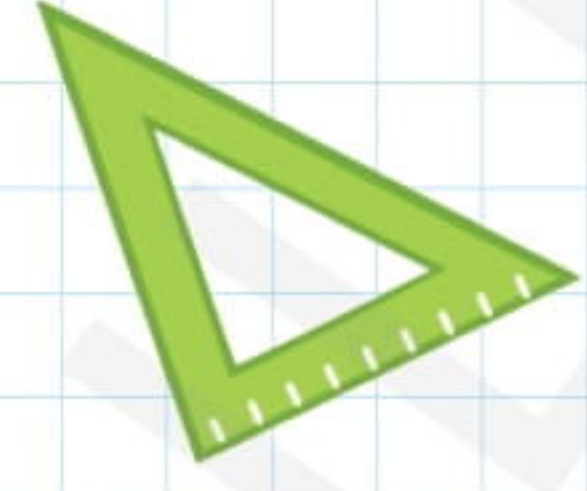


Düzlem, modeli kalınlığı olmayan ve sınırsız büyüklükteki düz yüzeylerdir.

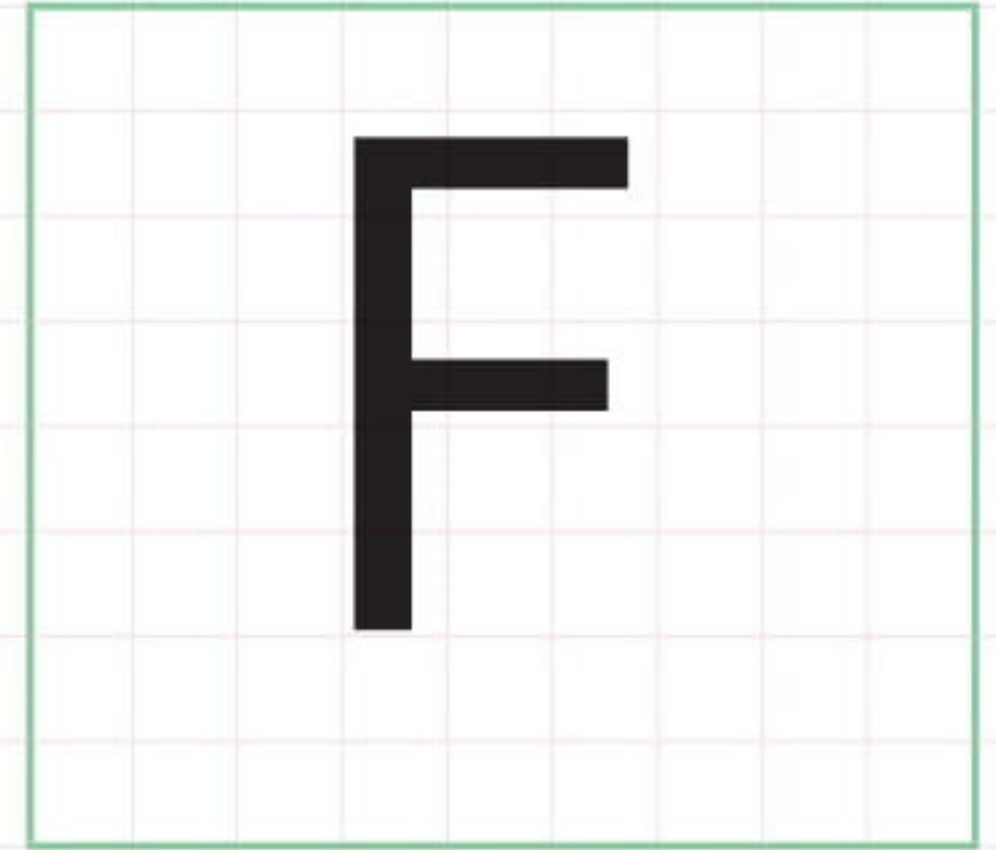
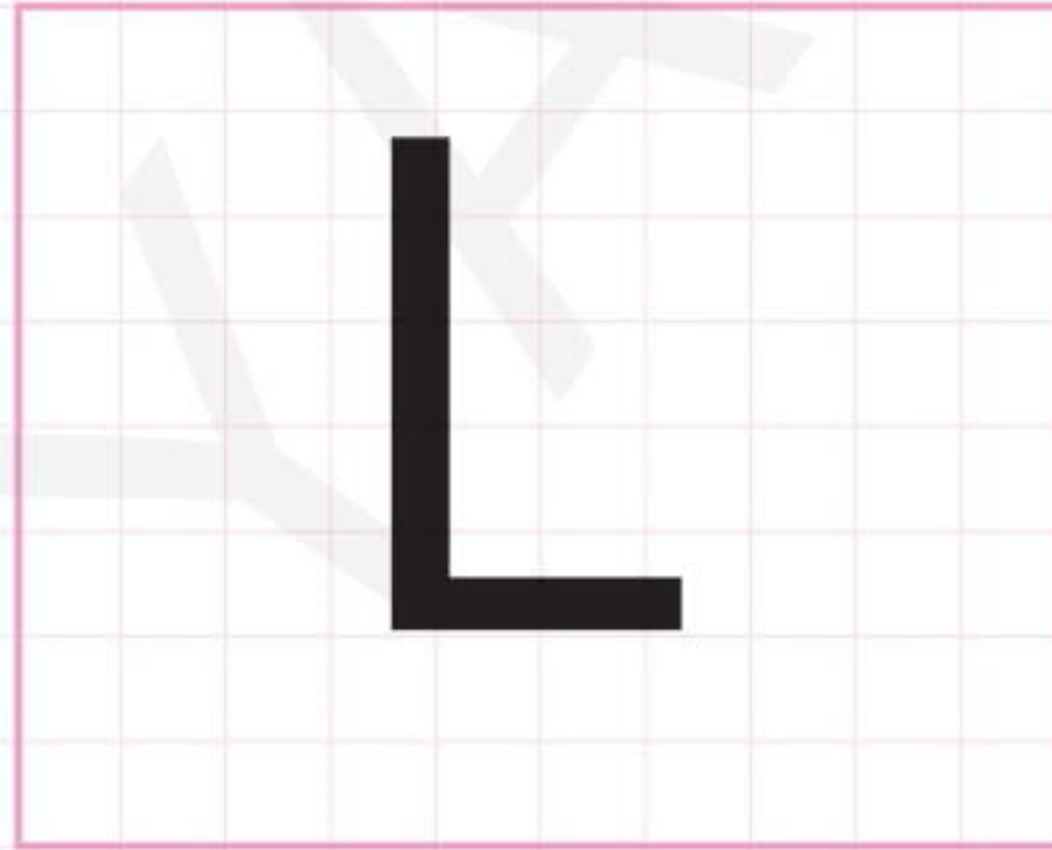
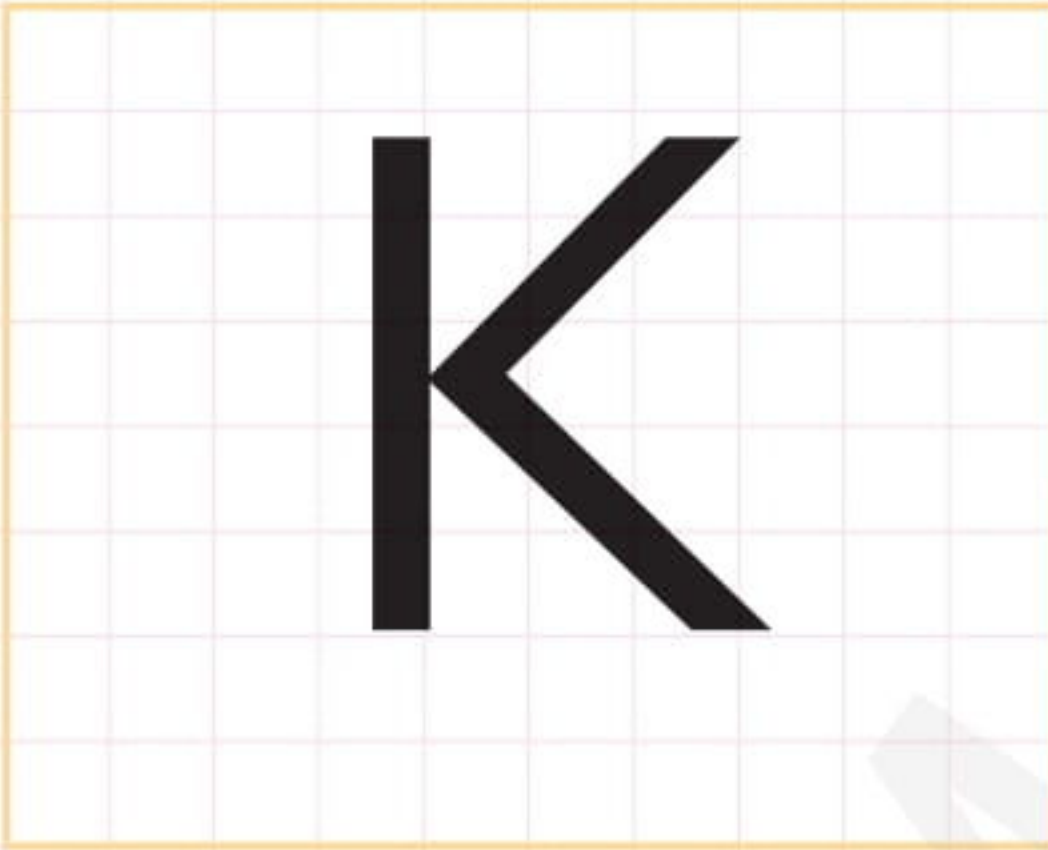
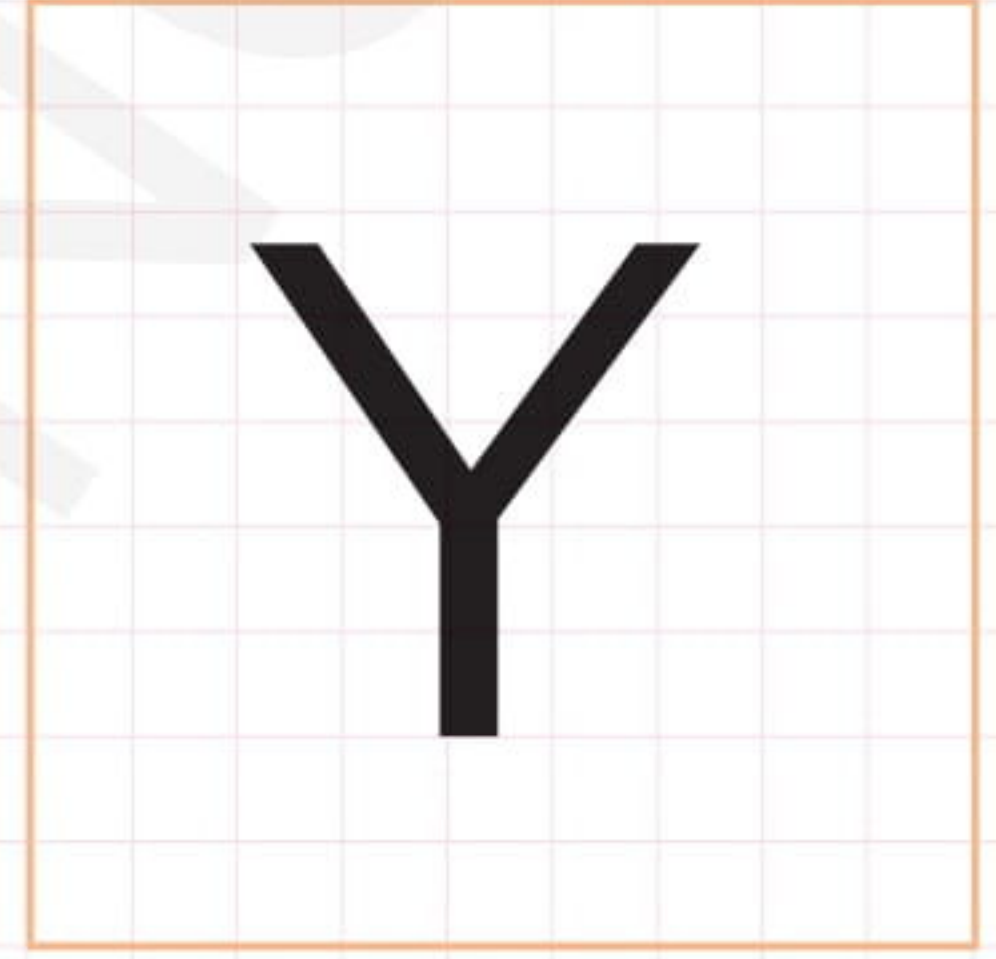
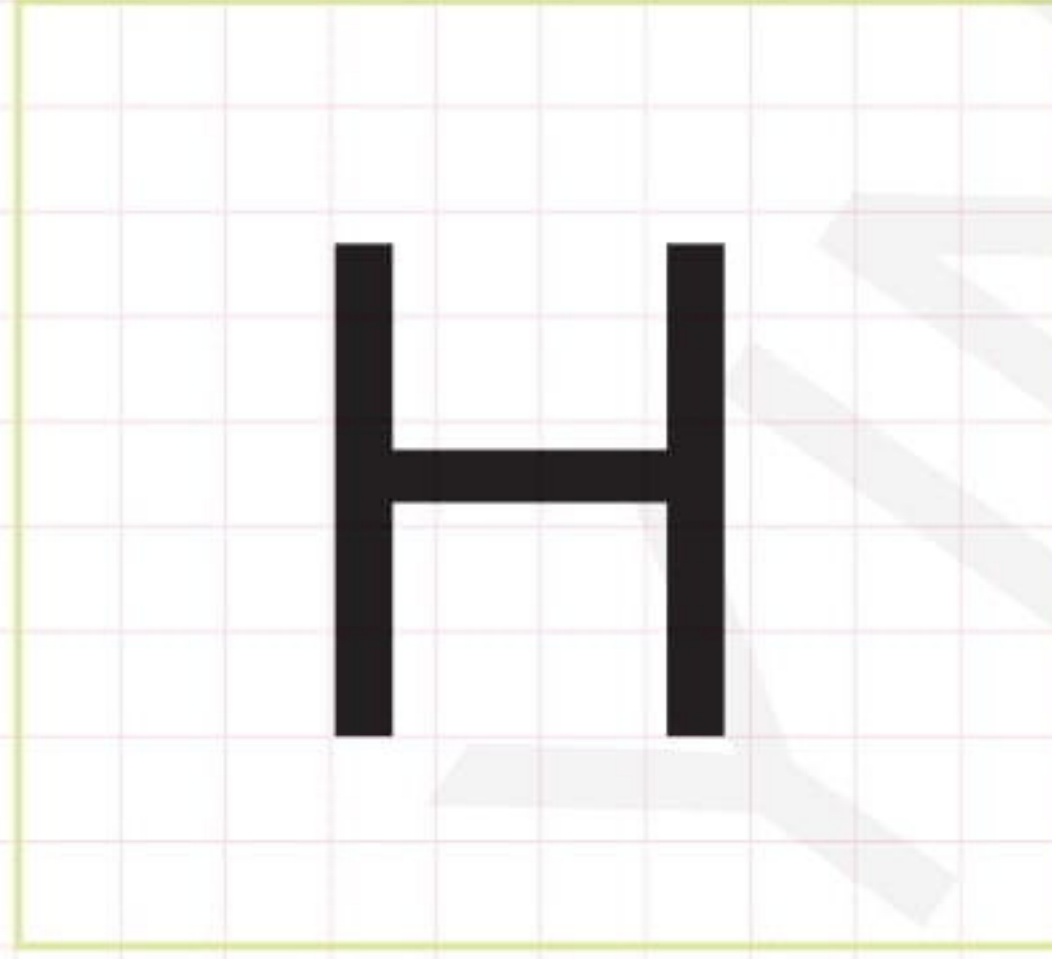
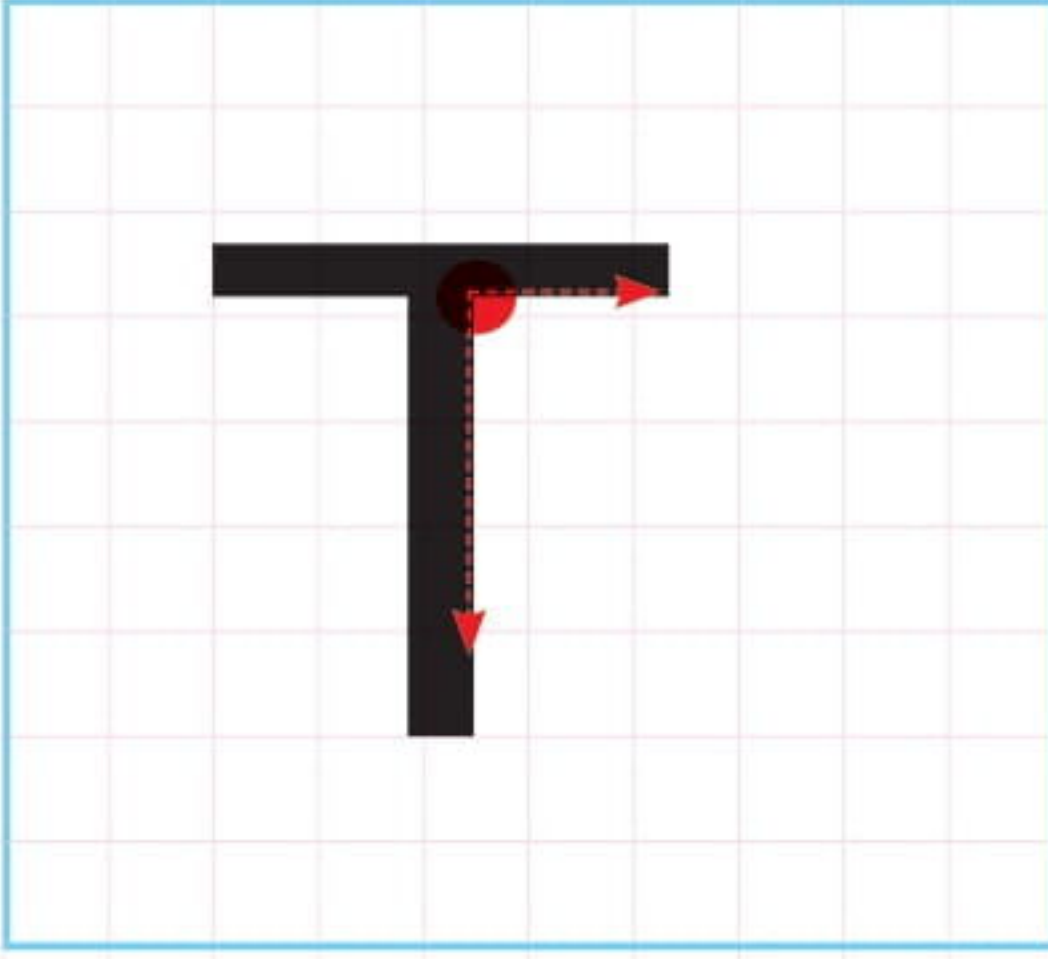
1. Aşağıda verilenlerden düzlem modeli olabilecekleri işaretleyelim.



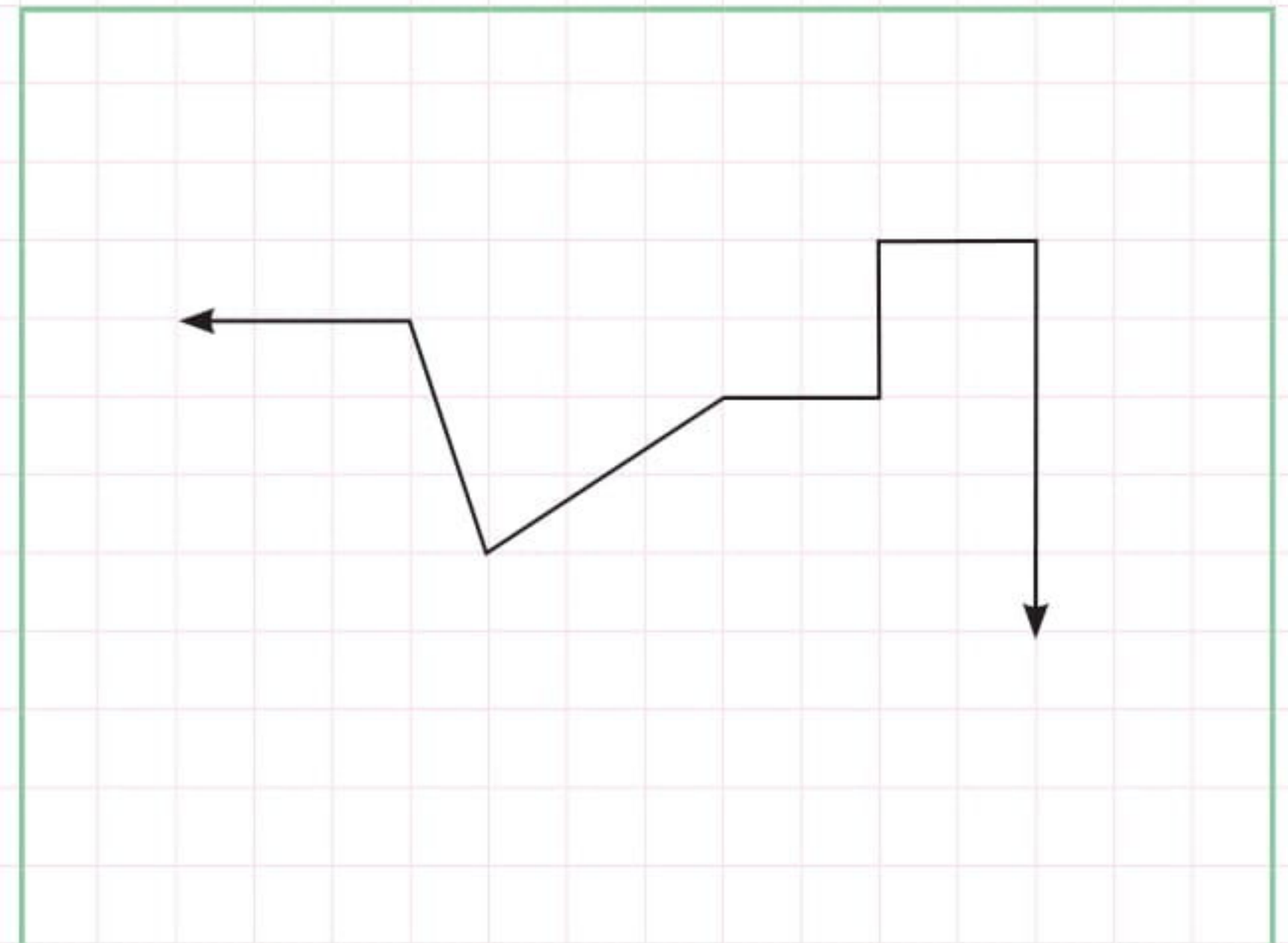
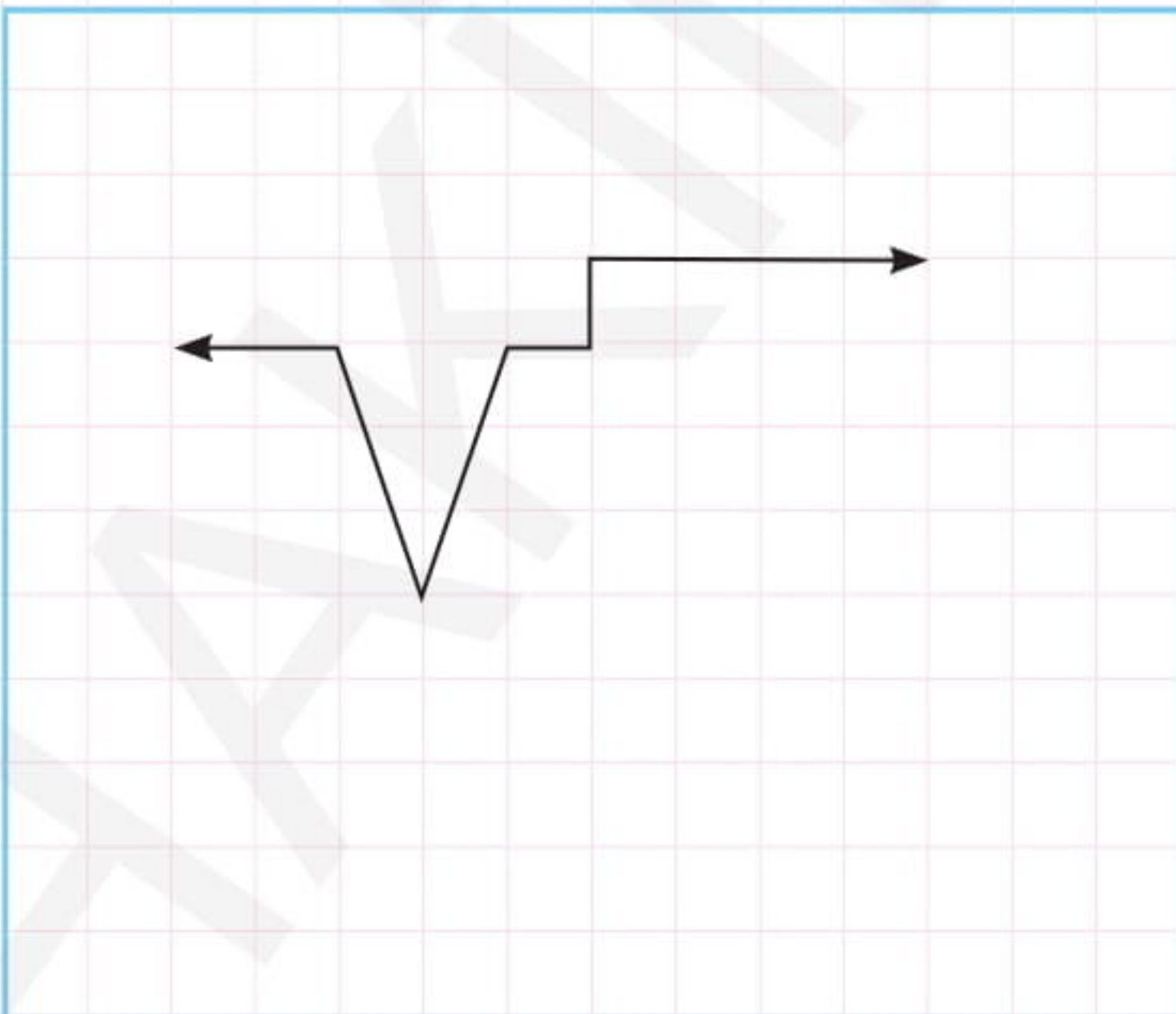
2. Aşağıdaki nesnelerin açılarını örnekteki gibi bulalım ve çizelim.



3. Aşağıdaki harflerin açılarını örnekteki gibi bulalım ve çizelim.



4. Aşağıdaki şekillerin açılarını bulalım ve çizelim.



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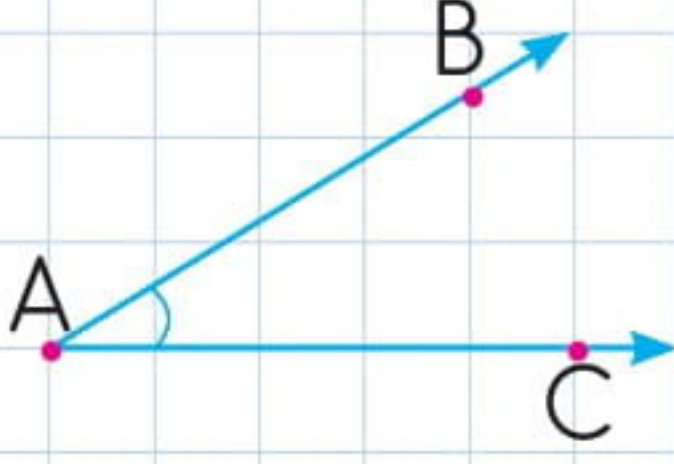
No: _____

Matematik Çalışma Kağıdı

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Açıyı Belirleme, İsimlendirme ve Sembolle Gösterme

1. Aşağıdaki açıların köşelerinin hangi noktalar, kenarlarının da hangi ışınlar olduğunu örnekteki gibi altlarına yazalım.

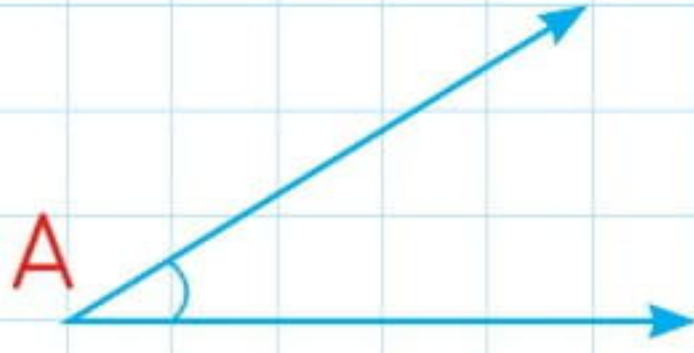


Açının köşesi : A noktası
Açının kenarları : AB ışını ve AC ışını

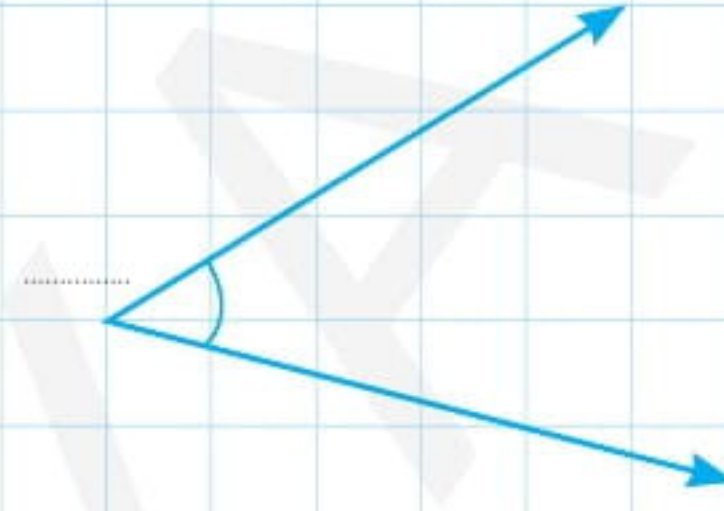


Açının köşesi : noktası
Açının kenarları : ışını ve ışını

2. Aşağıdaki açıları örnekteki gibi isimlendirelim ve sembolle gösterelim.



\hat{A} veya $\angle A$



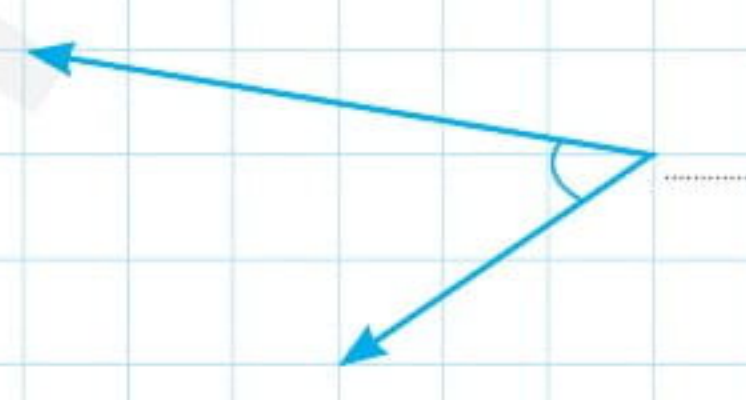
..... veya



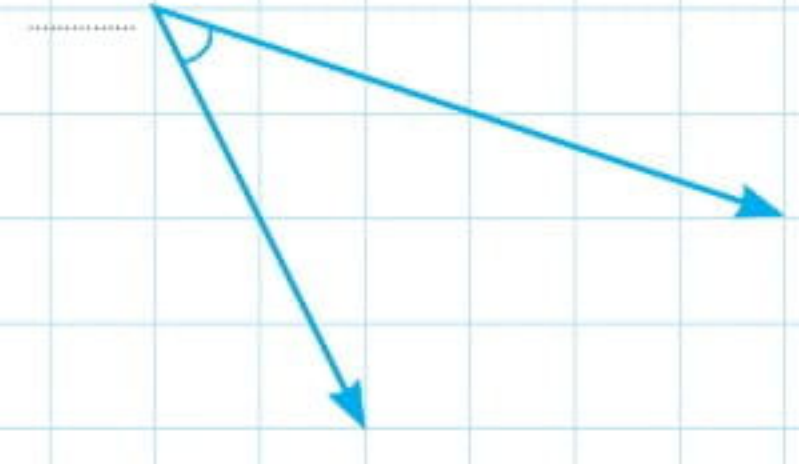
..... veya



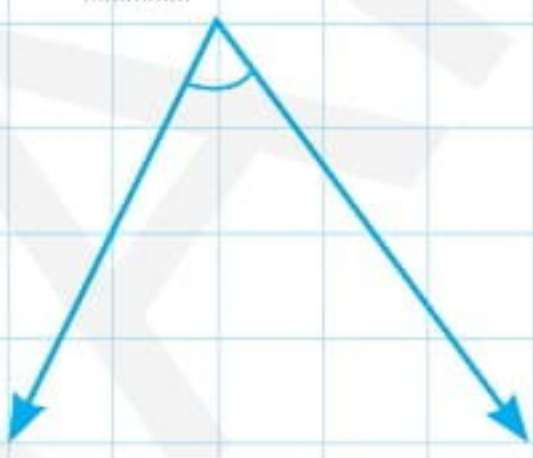
..... veya



..... veya



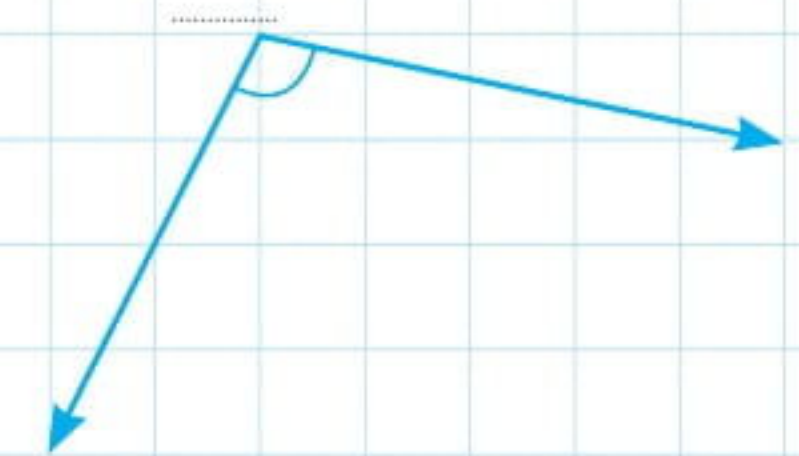
..... veya



..... veya

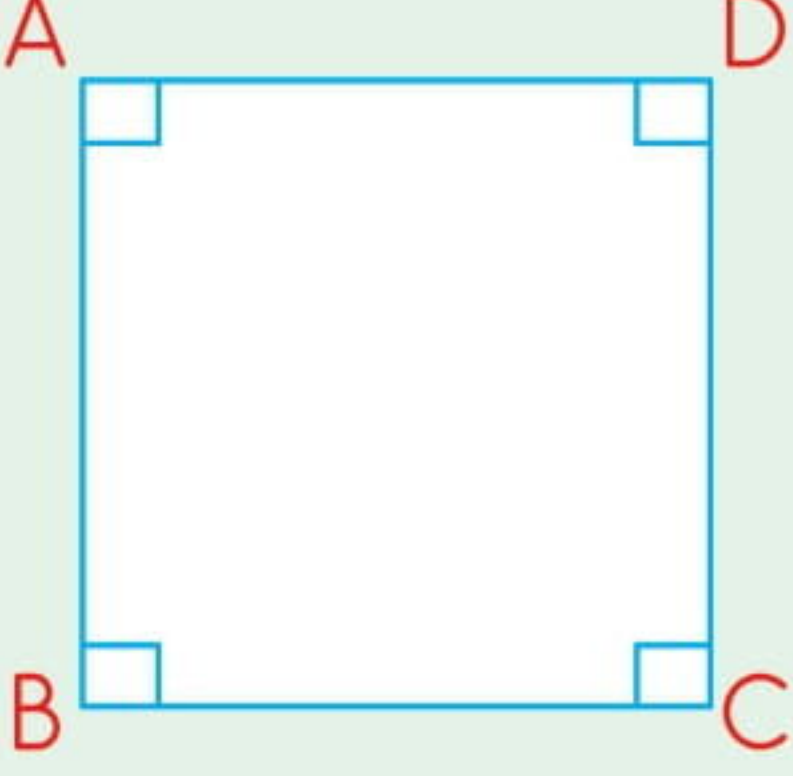
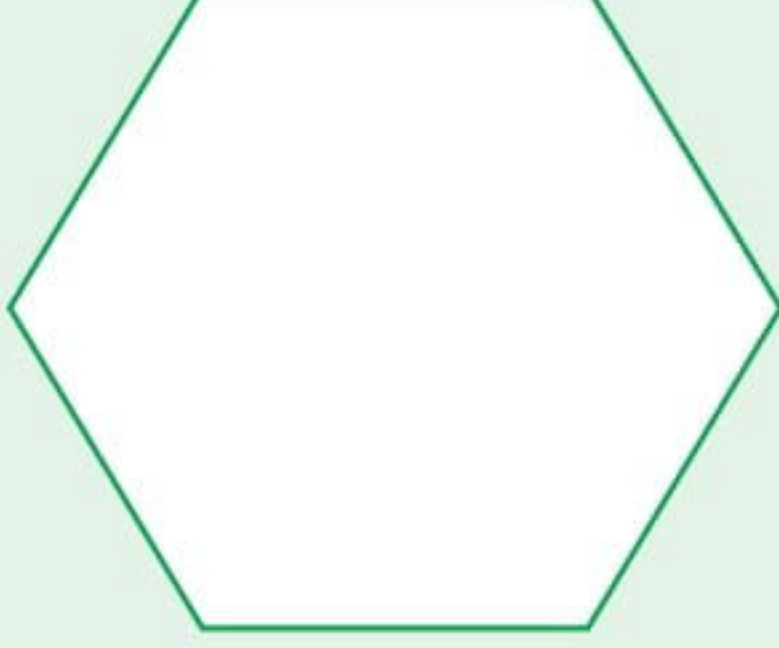
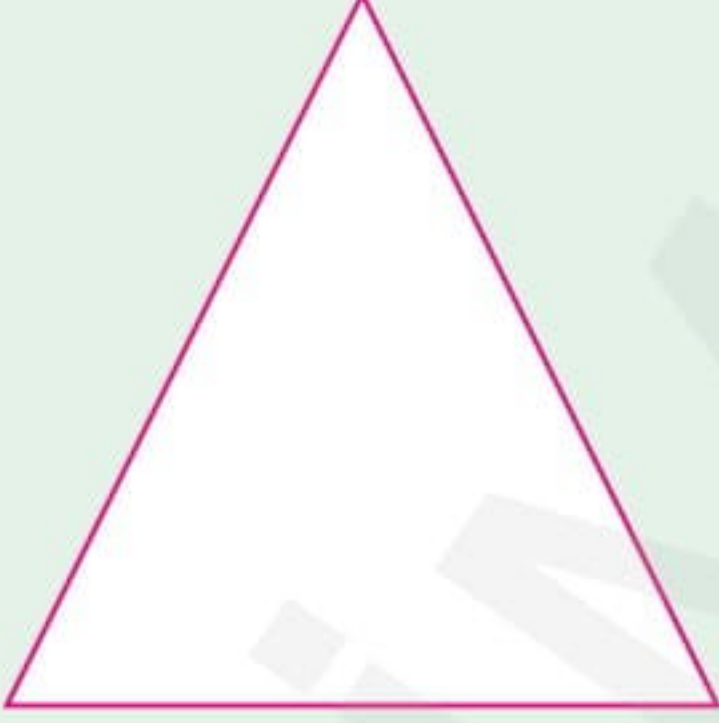



..... veya



..... veya

3. Aşağıdaki geometrik şekillerin köşelerini isimlendirelim. Açılarını belirleyelim. Açıları oluşturan kenarların isimlerini yazalım. Açıları sembolle gösterelim.

Geometrik Şekil	Açılar	Açıyı Oluşturan Kenarlar
	\hat{A} veya $\angle A$	[AD] ve [AB]
		
		
		

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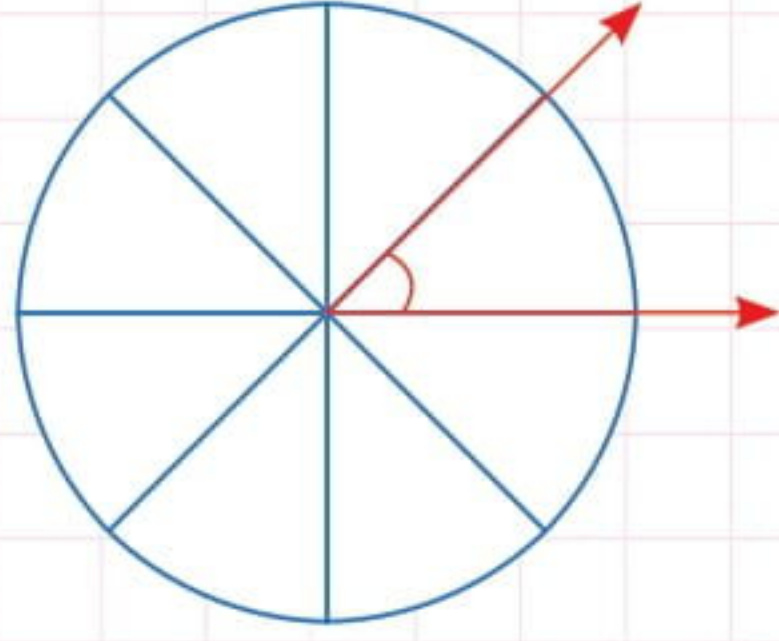
No: _____

Matematik Çalışma Kağıdı

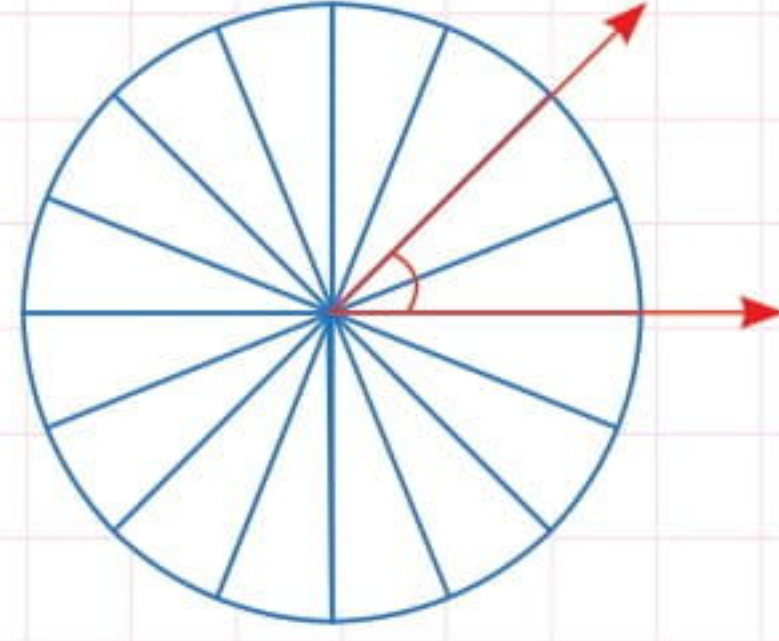
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Açı Ölçme - 1

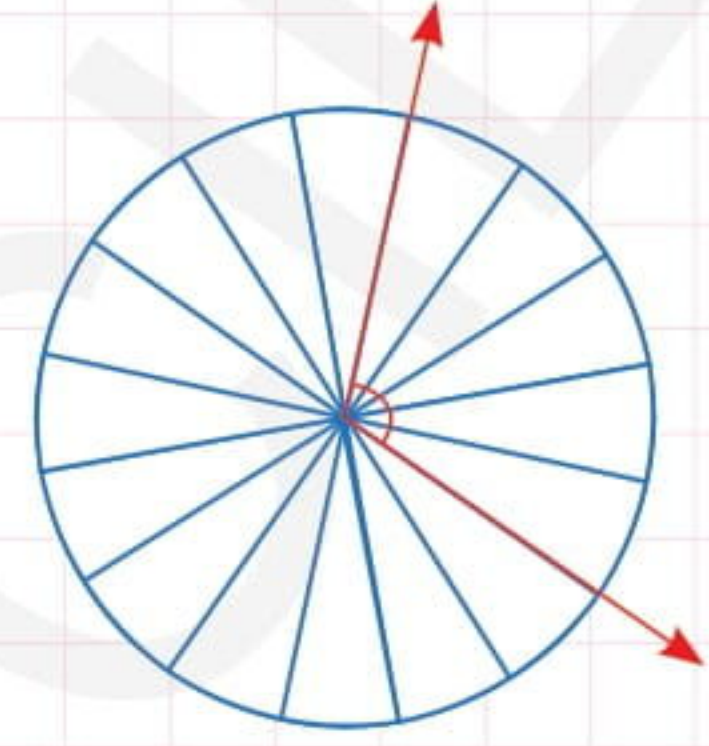
1. Aşağıdaki açıların kaç birim olduklarını altlarına yazalım.



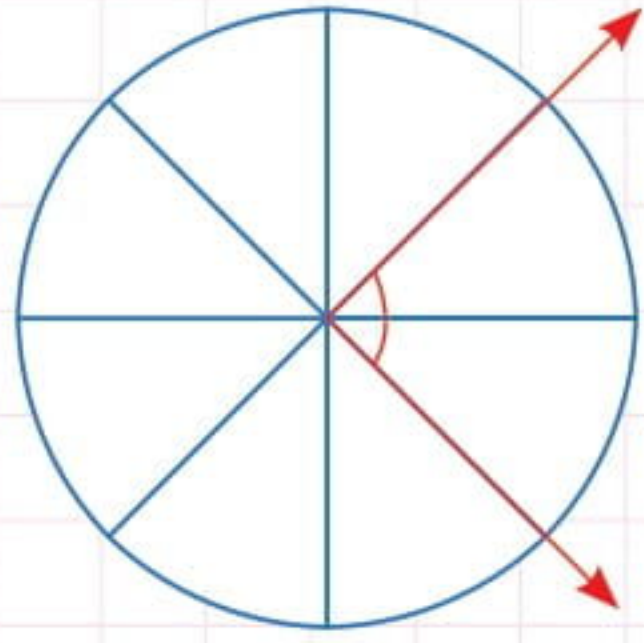
1 birim



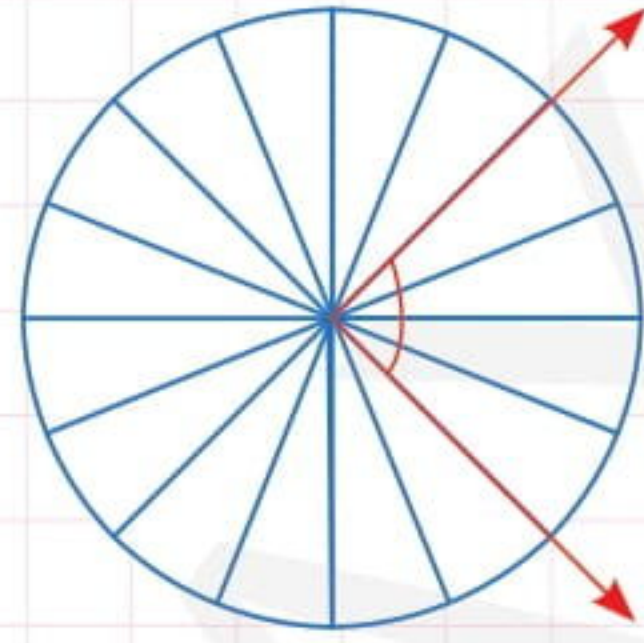
..... birim



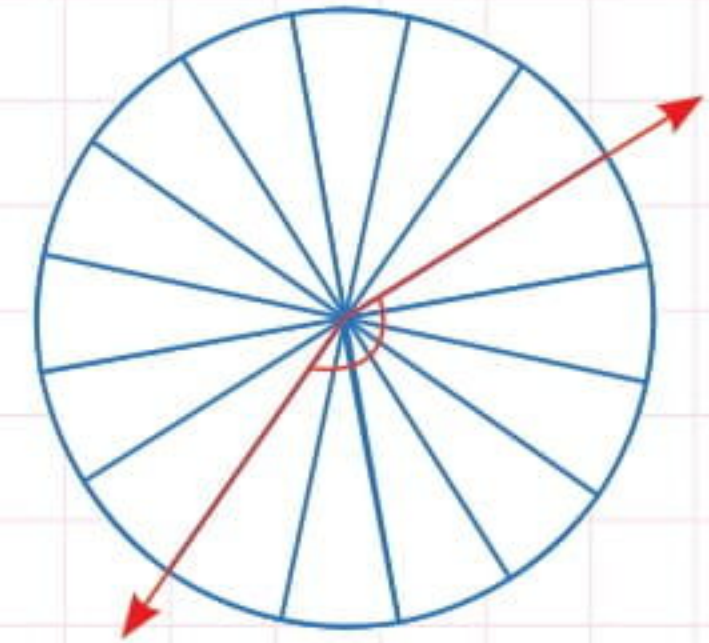
..... birim



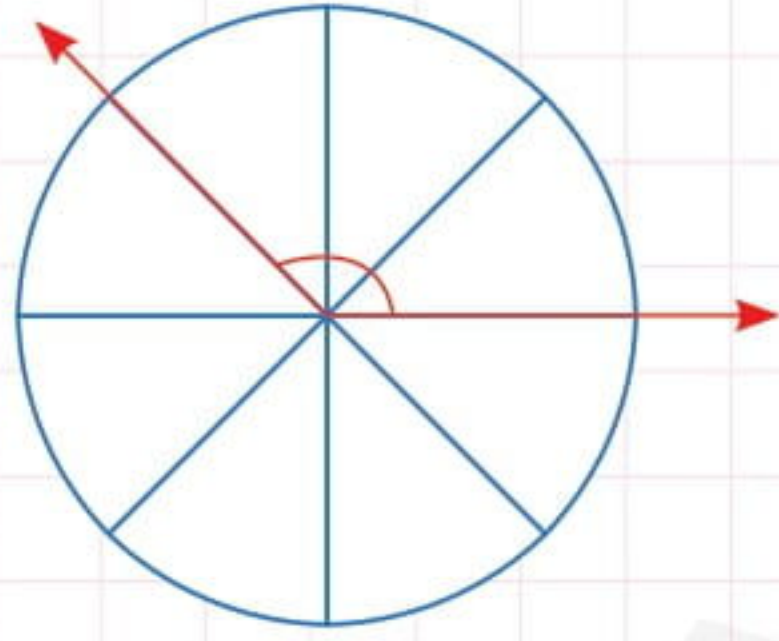
..... birim



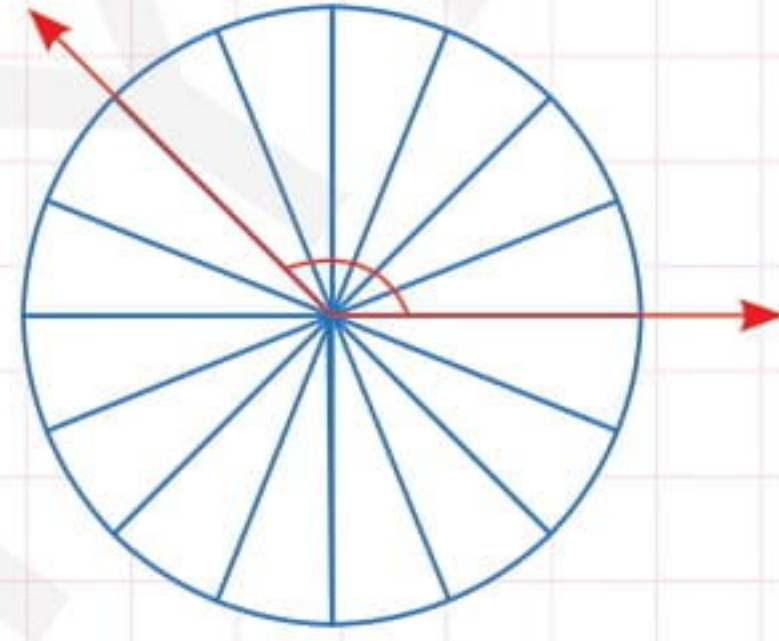
..... birim



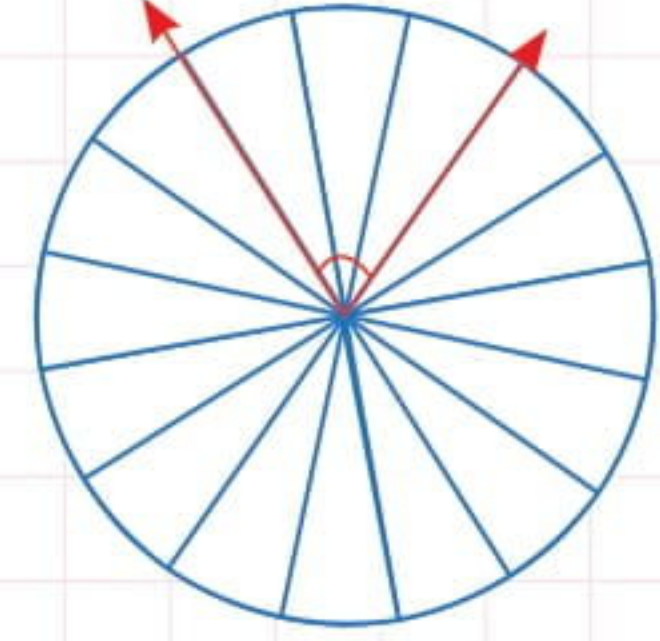
..... birim



..... birim

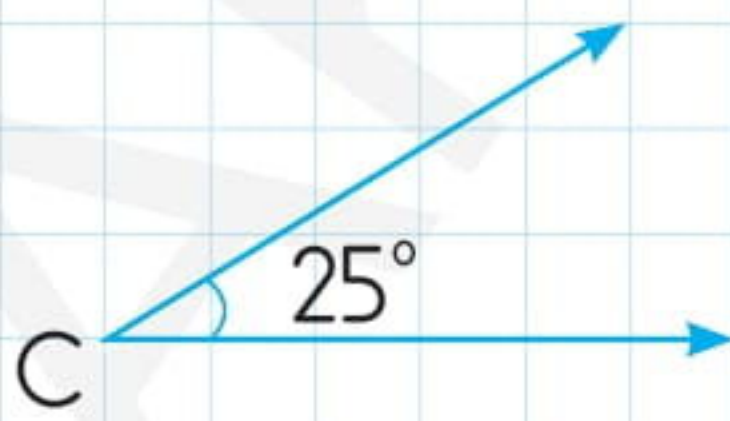


..... birim

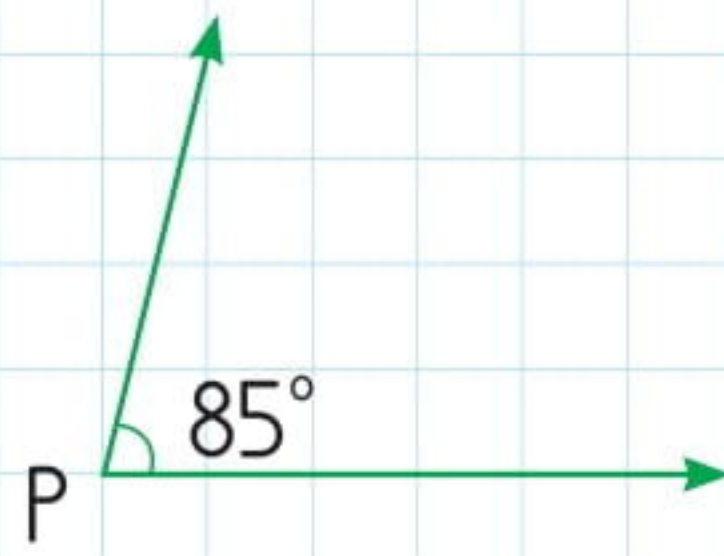


..... birim

2. Aşağıdaki açıların ölçülerini sembol kullanarak yazalım.



$$s(\hat{C}) = 25^\circ$$

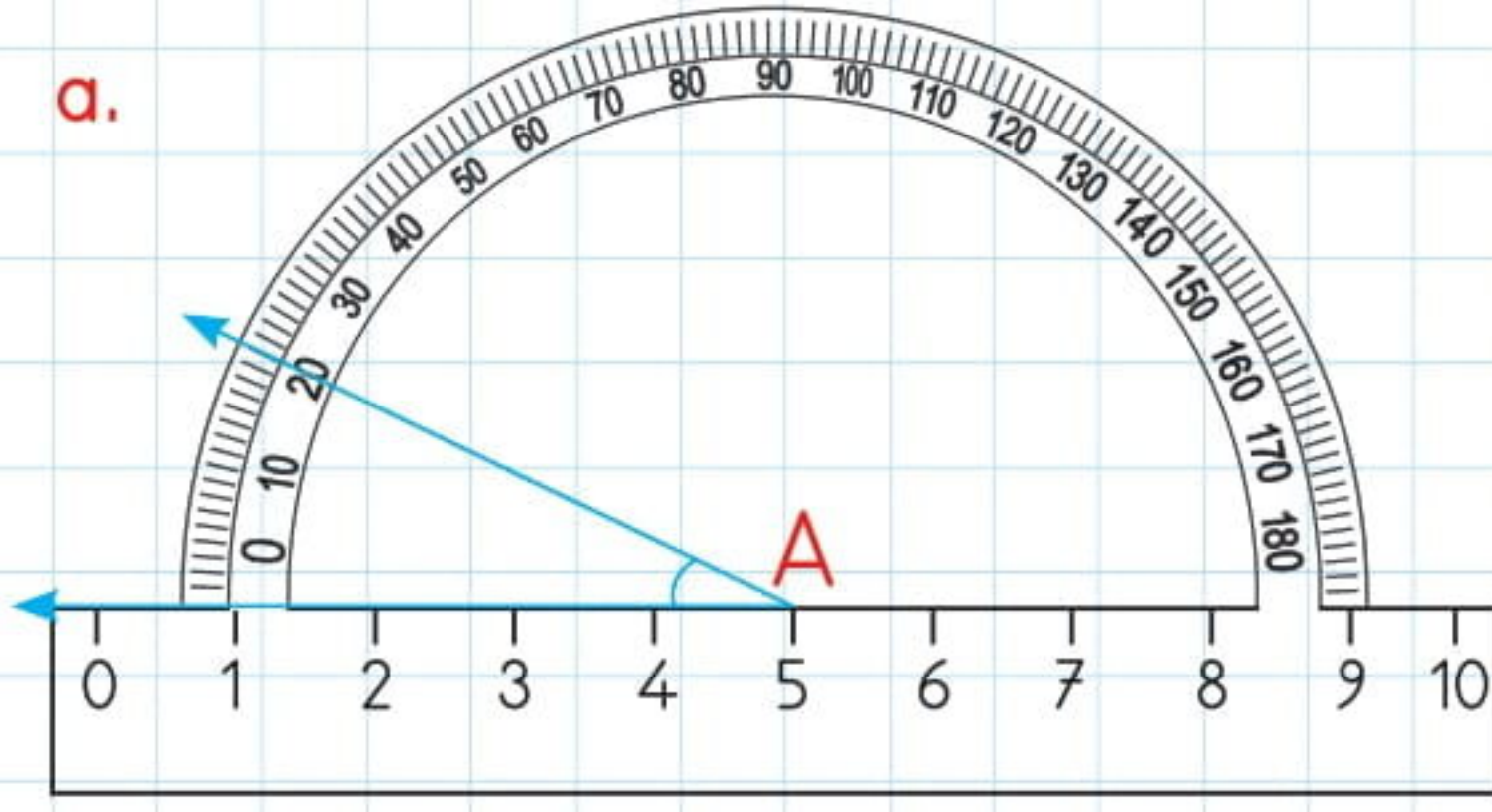


$$..... =$$

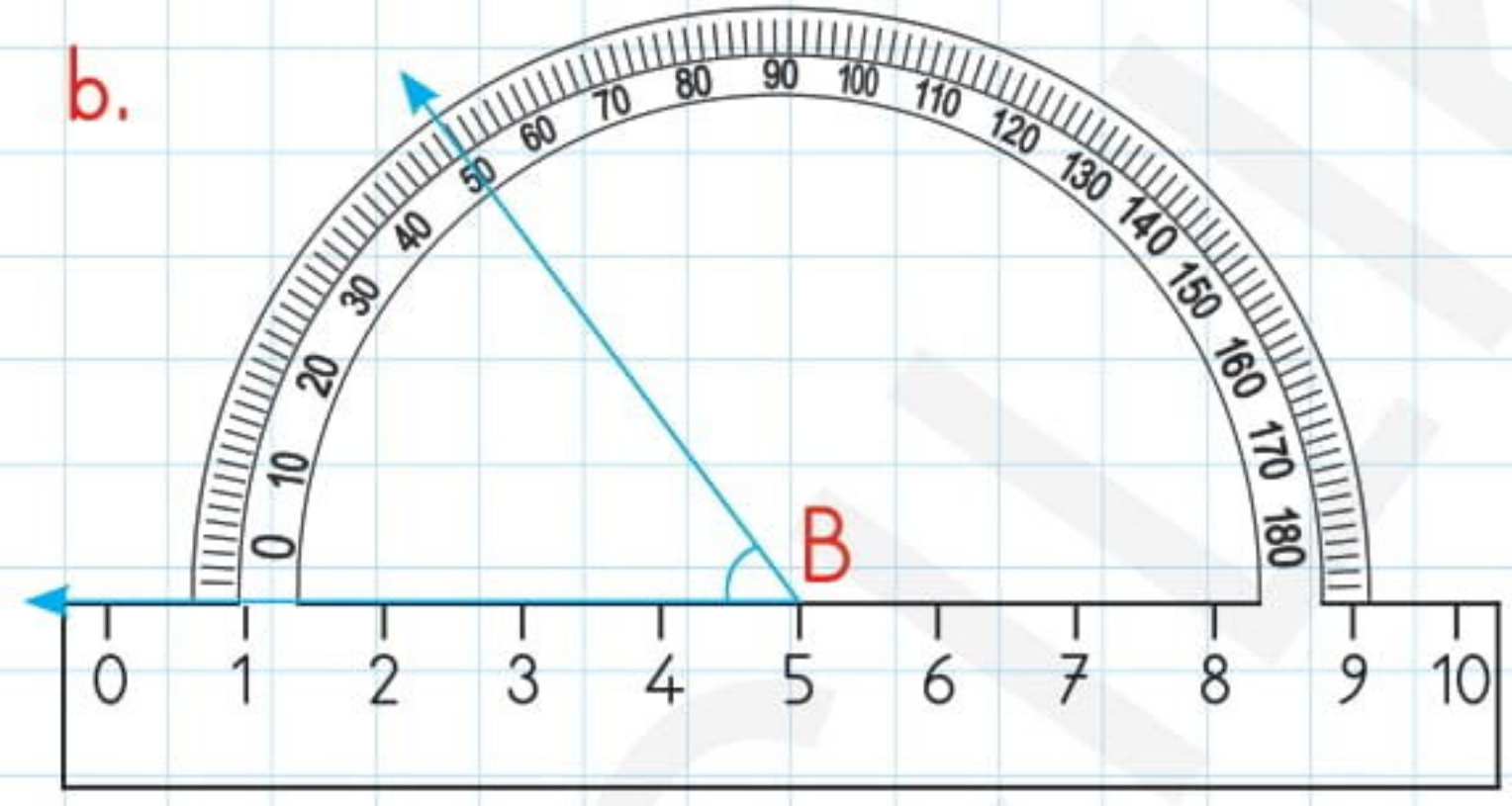


$$..... =$$

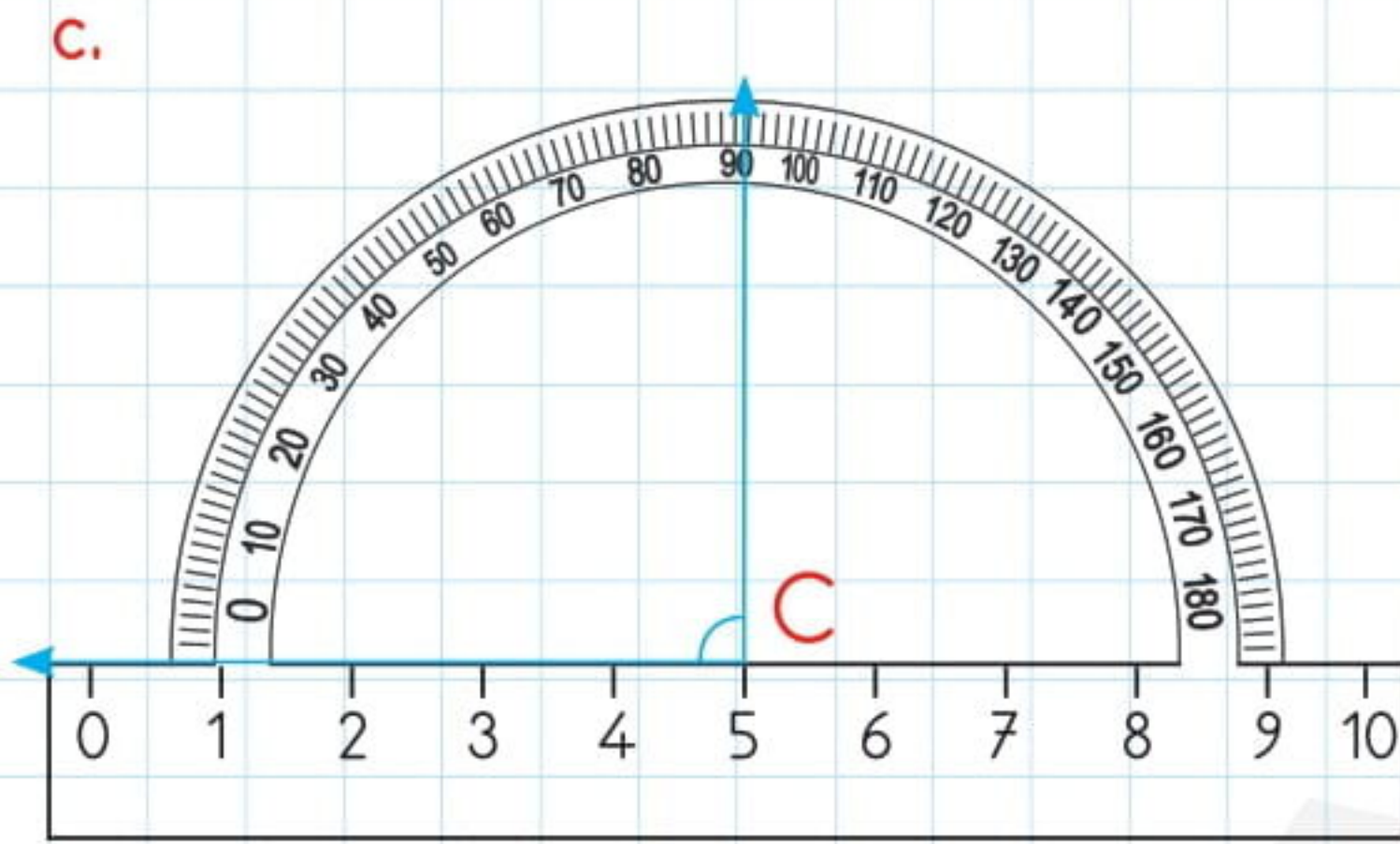
3. Aşağıda açı ölçerle ölçülmüş açıların ölçülerini sembol kullanarak yazalım.



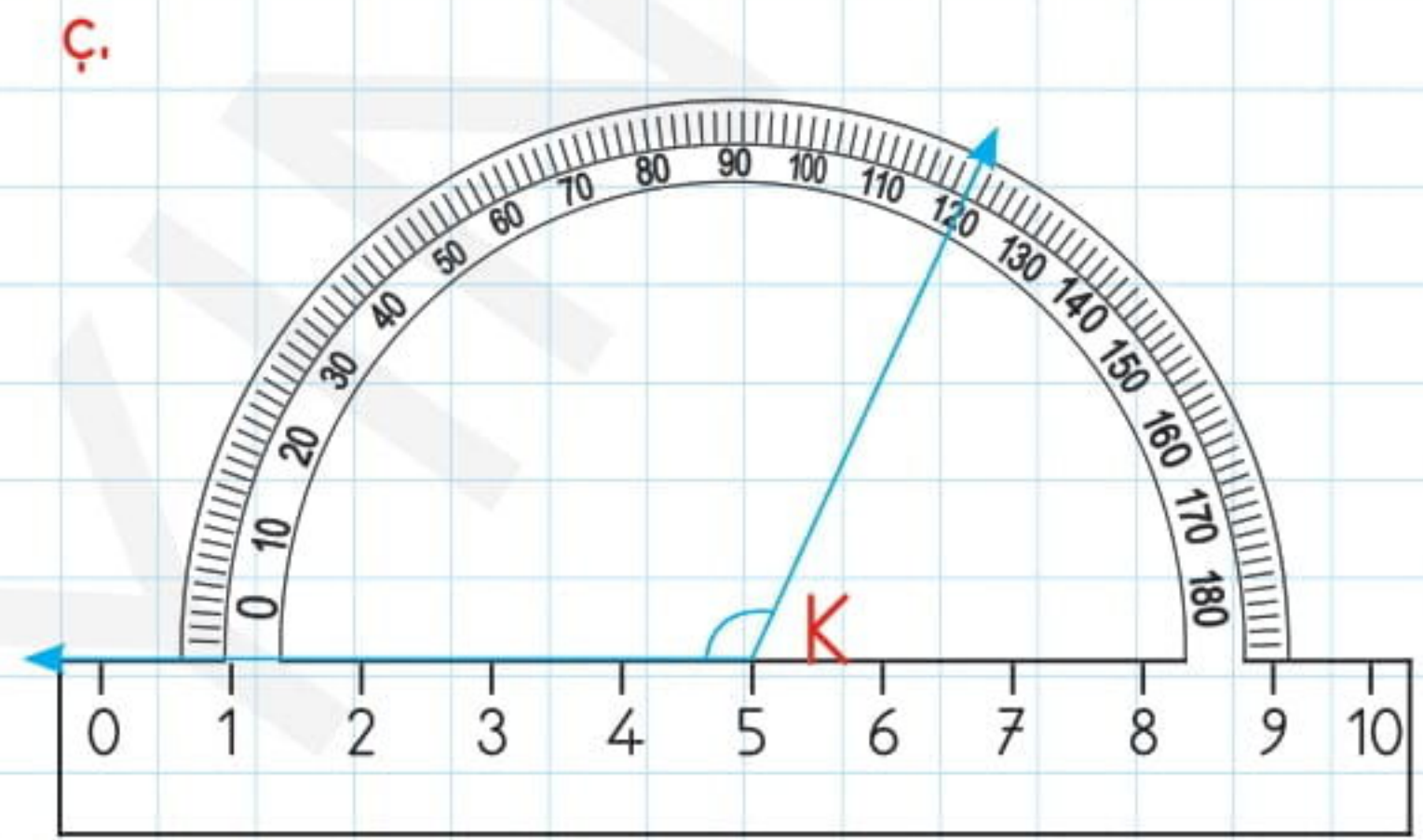
★ $s(\hat{A}) = \dots\dots\dots$



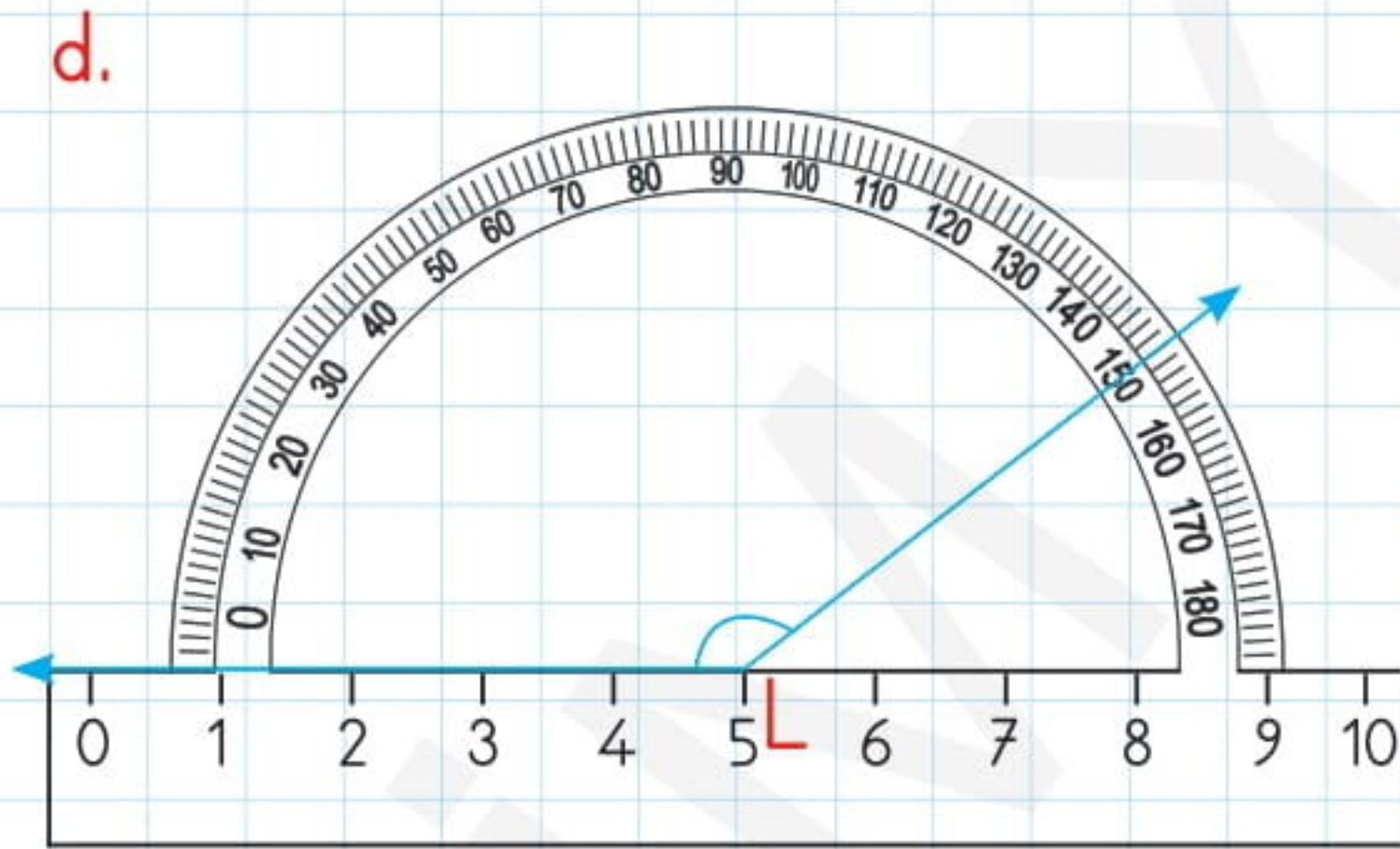
★ $s(\hat{\quad}) = \dots\dots\dots$



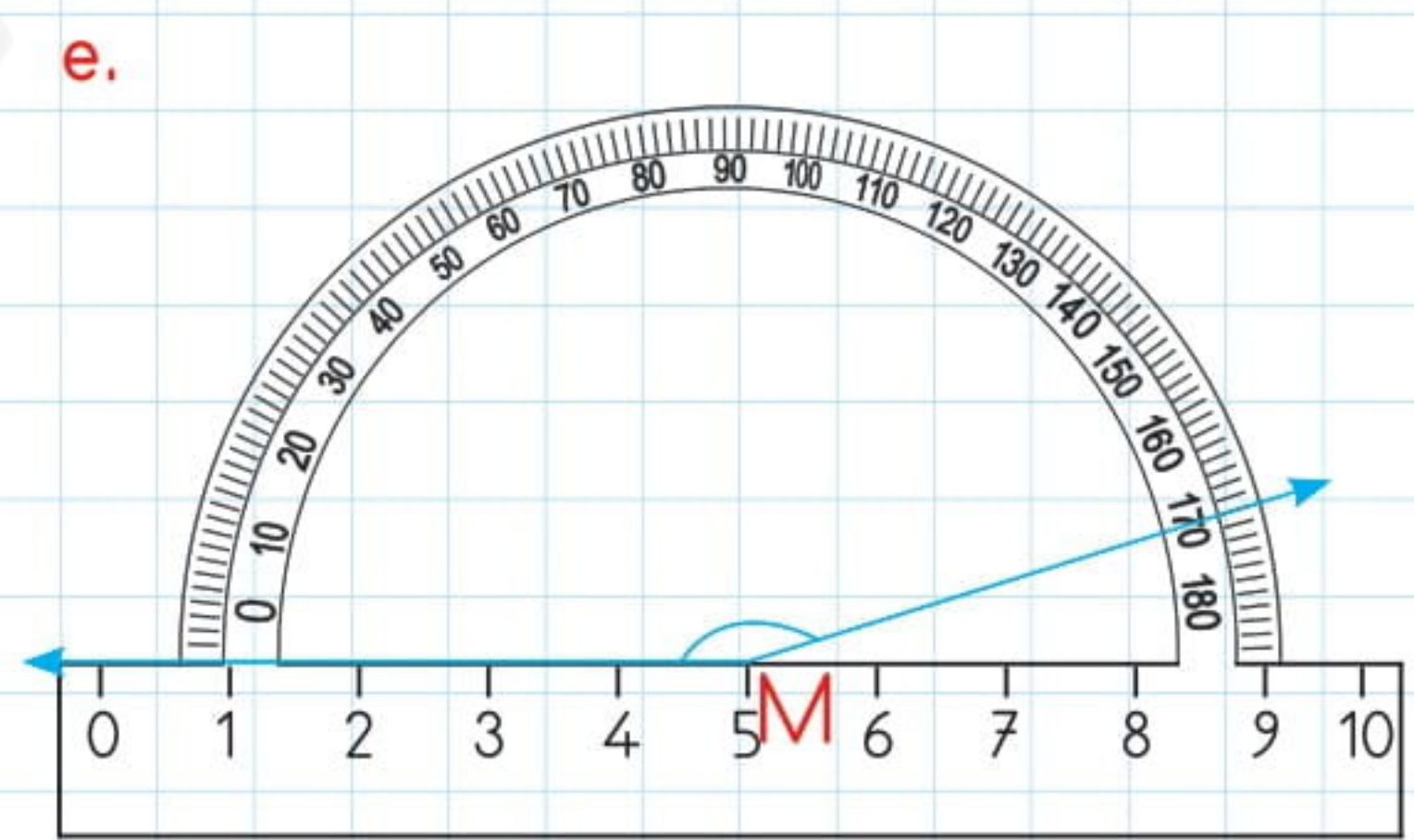
★ $s(\hat{\quad}) = \dots\dots\dots$



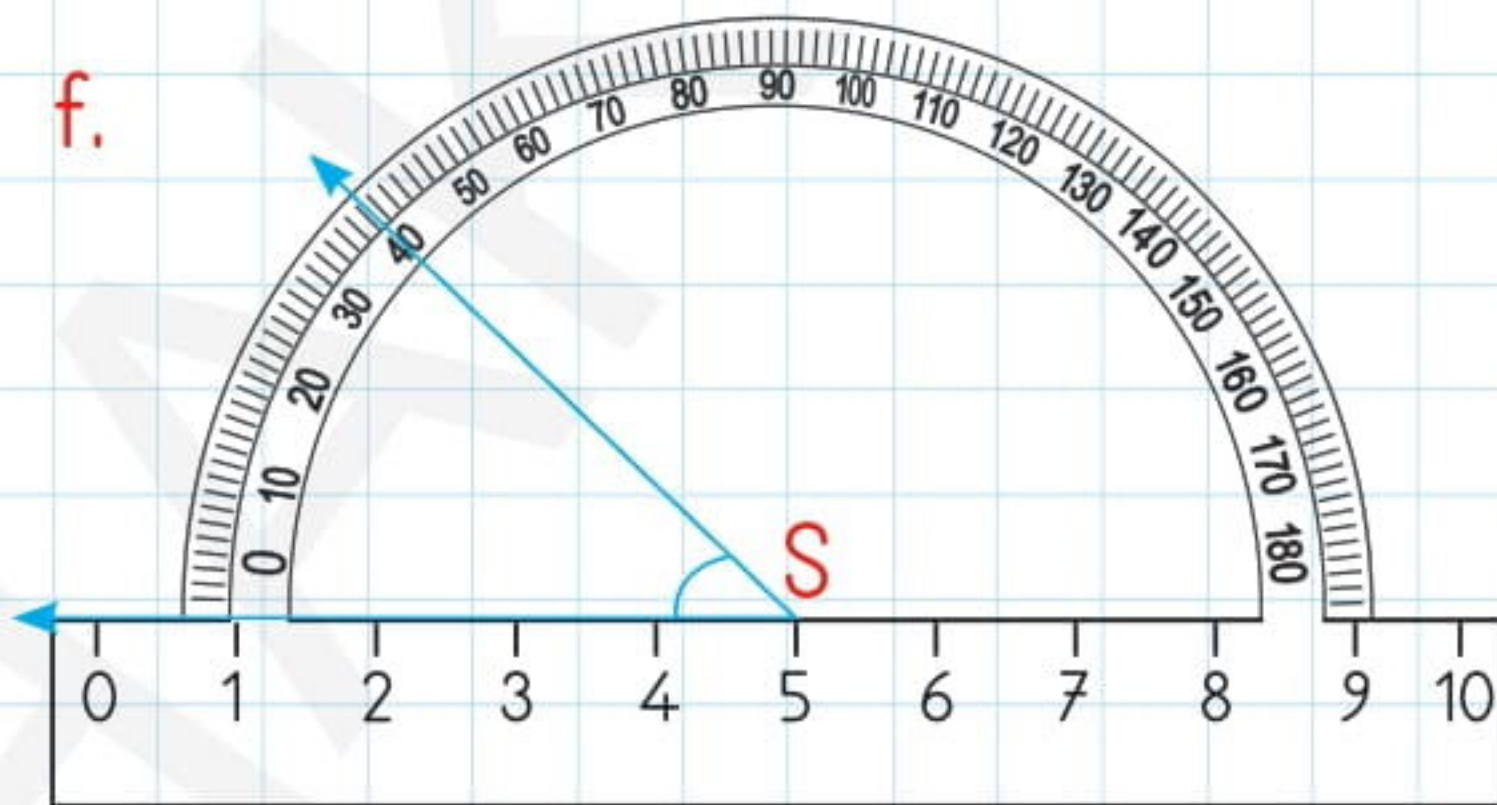
★ $s(\hat{\quad}) = \dots\dots\dots$



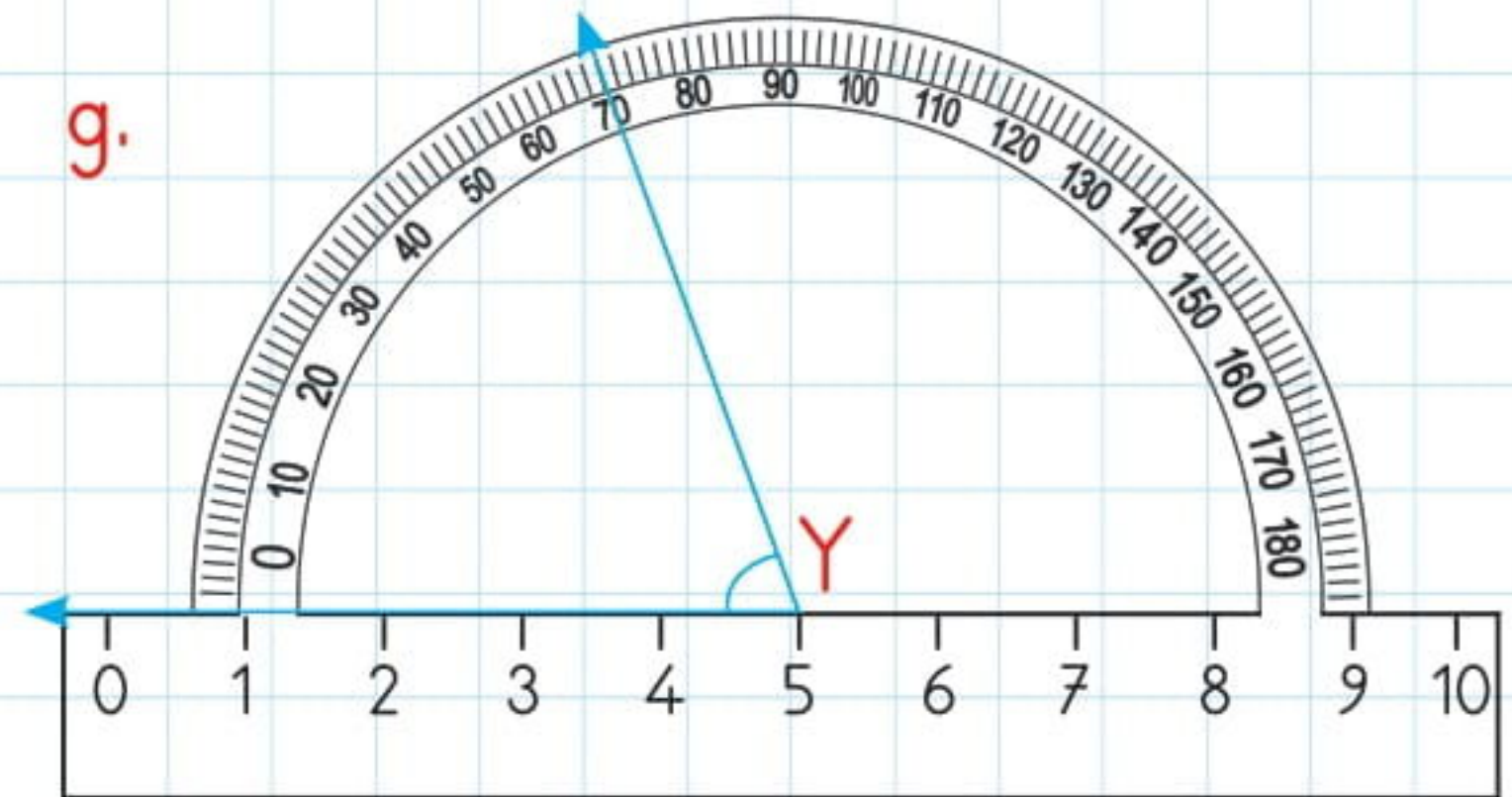
★ $s(\hat{\quad}) = \dots\dots\dots$



★ $s(\hat{\quad}) = \dots\dots\dots$



★ $s(\hat{\quad}) = \dots\dots\dots$



★ $s(\hat{\quad}) = \dots\dots\dots$

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Matematik Çalışma Kağıdı

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Açı Ölçme - 2

1. Aşağıda ölçüleri verilmiş açları çizelim.

$$\rightarrow s(\hat{S}) = 45^\circ$$

$$\rightarrow s(\hat{S}) = 65^\circ$$

$$\rightarrow s(\hat{S}) = 70^\circ$$

$$\rightarrow s(\hat{S}) = 100^\circ$$

$$\rightarrow s(\hat{S}) = 125^\circ$$

$$\rightarrow s(\hat{S}) = 140^\circ$$

$$\rightarrow s(\hat{S}) = 155^\circ$$

$$\rightarrow s(\hat{S}) = 170^\circ$$

2. Aşağıda verilen açıları açı ölçerle ölçelim. Sembol kullanarak yazalım.

