

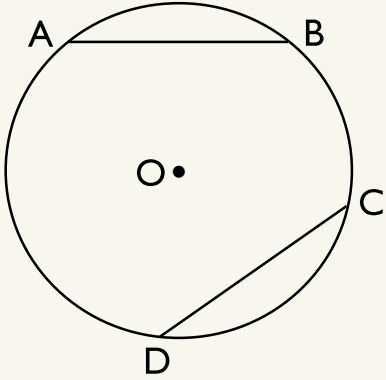
# dersdeo

öğrenmenin en kolay yolu o!

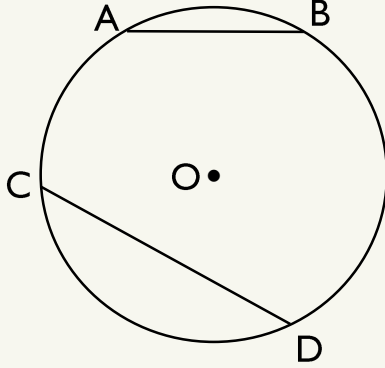
## GEOMETRİ

ÇEMBER

ÇEMBERDE UZUNLUK

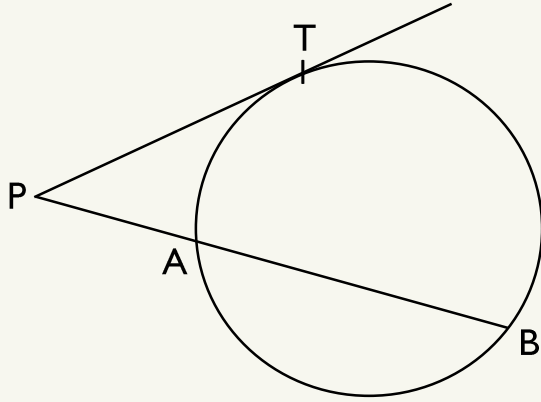


$$|AB| = |CD|$$

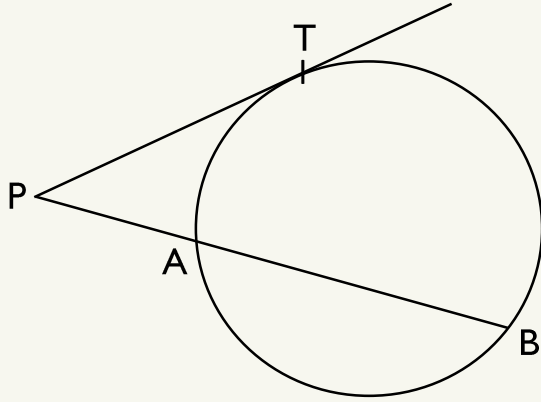


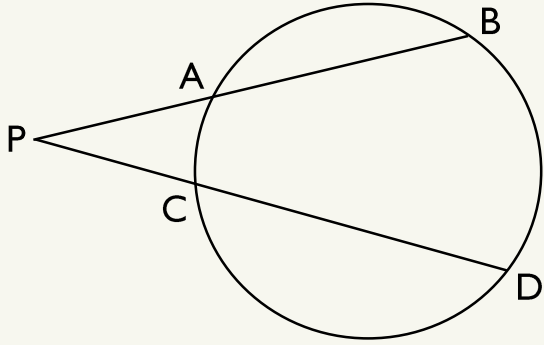
$$|AB| < |CD|$$

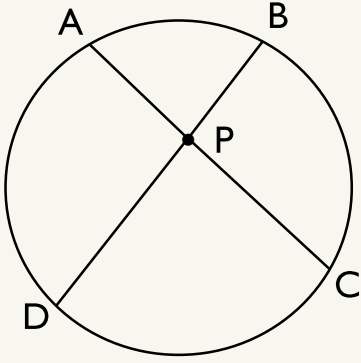
## Bir Noktanın embere Gre Kuvveti



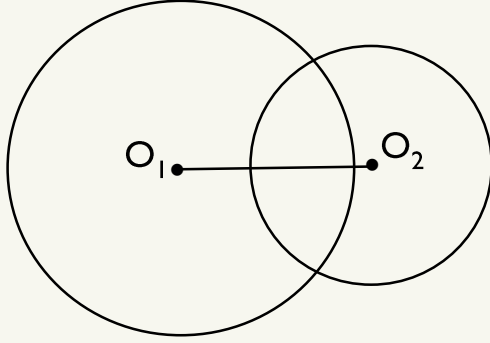
NOT



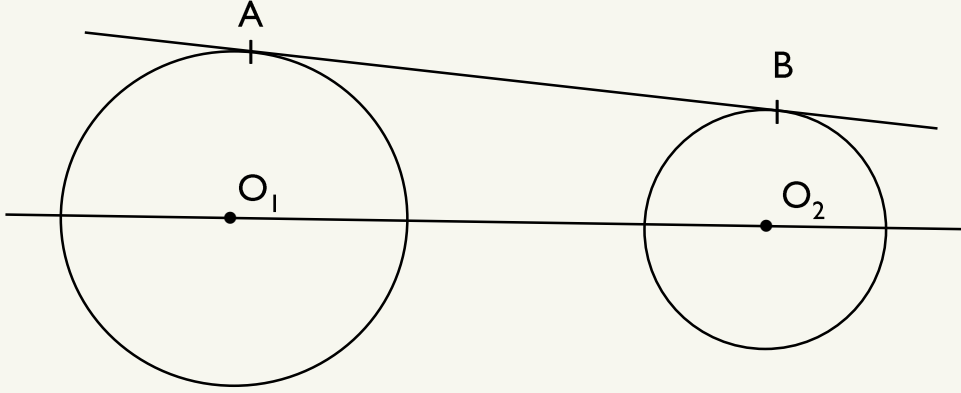


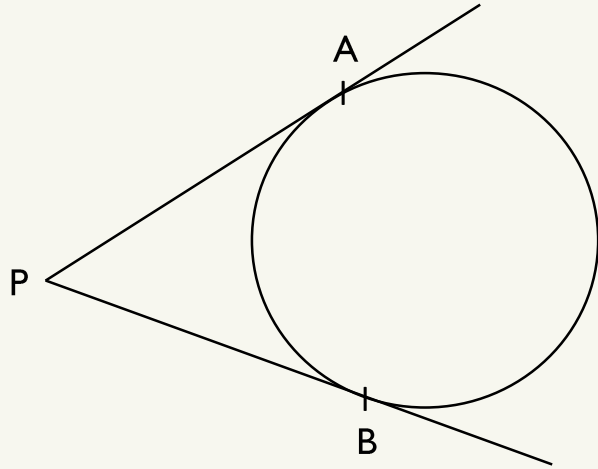


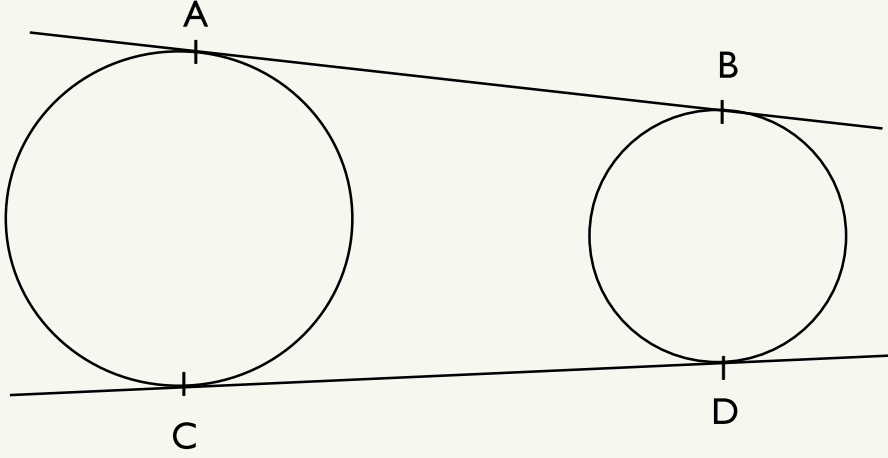
## Kuvvet Ekseni



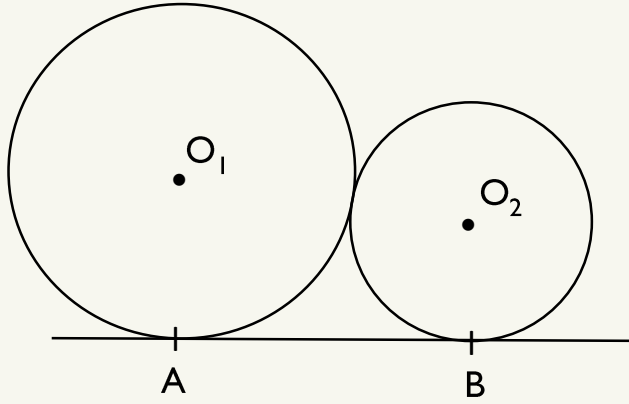
## Kuvvet Eksenini

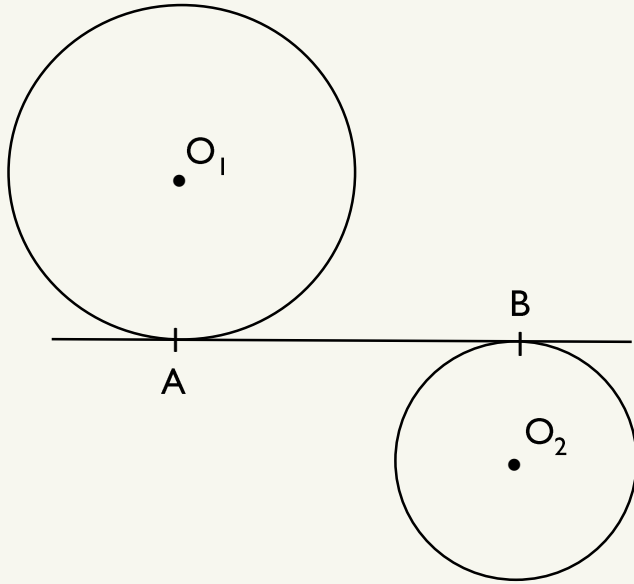


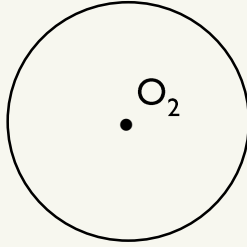
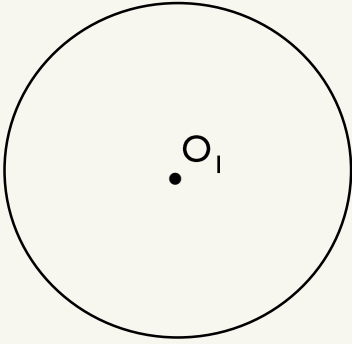




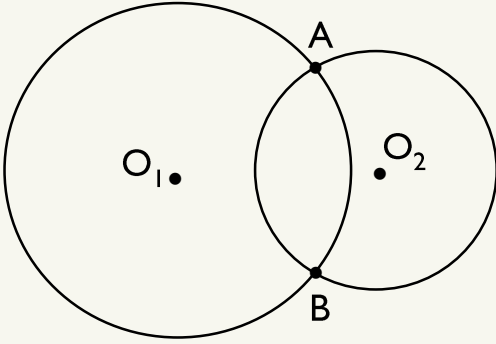
## İki Çemberin Durumu

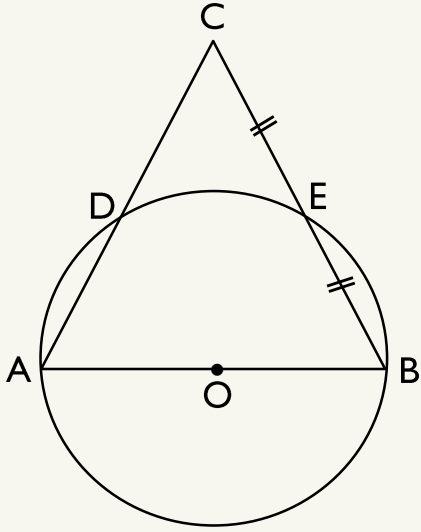


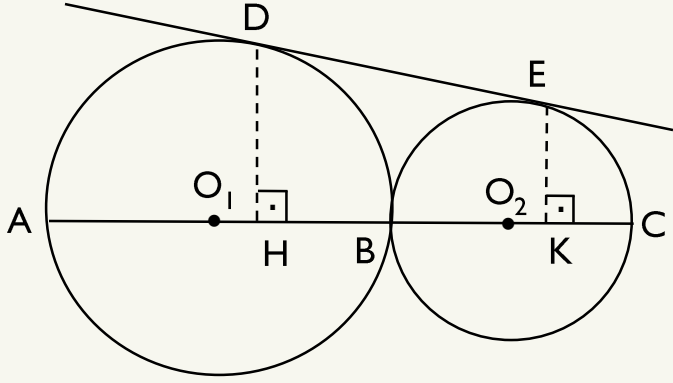




## Çemberlerin Dik Kesişmesi

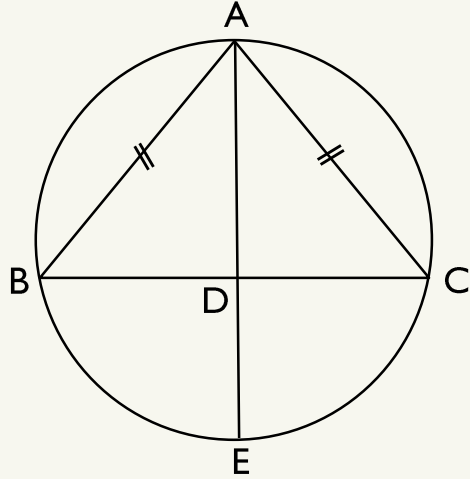




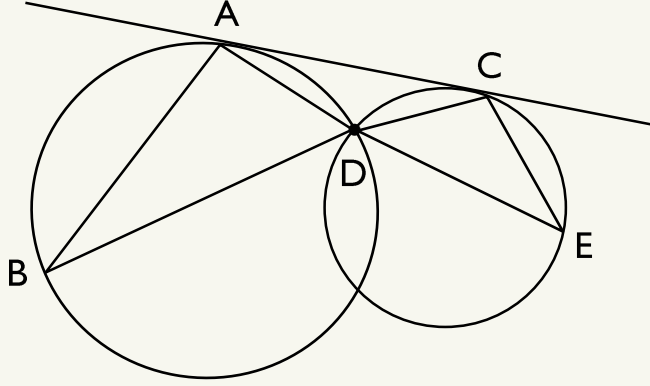


## Benzerlikle Çözülen Soru Tipleri

I.

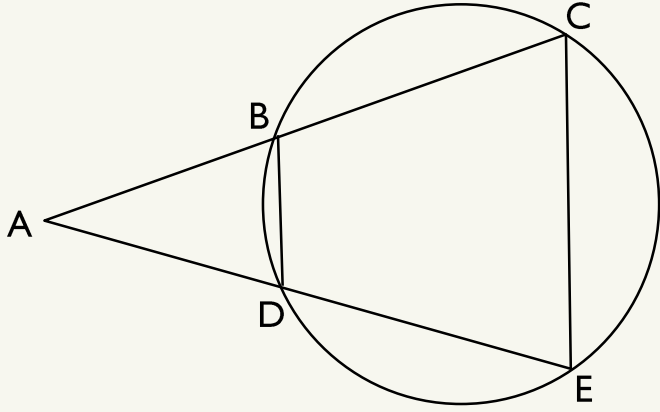


2.

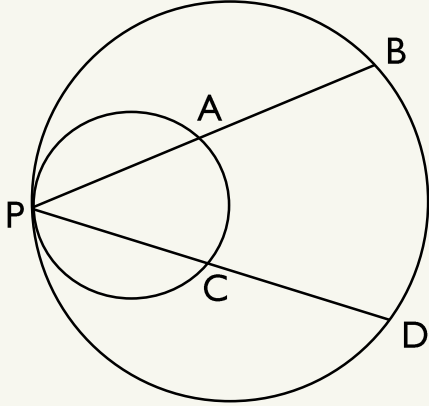


B,D,C doğrusal  
A,D,E doğrusal

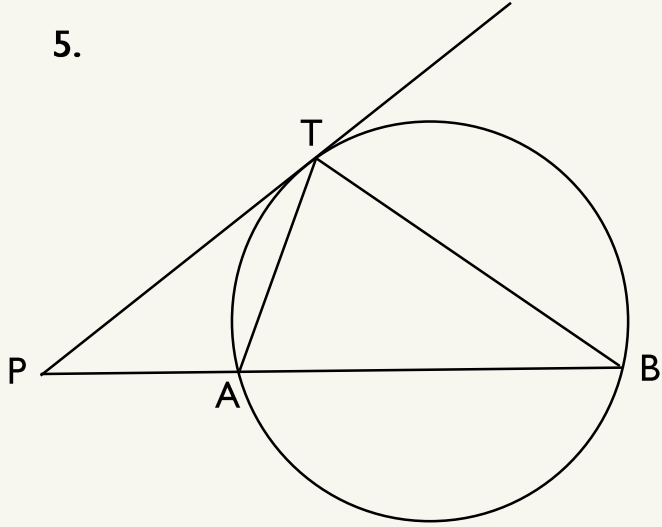
3.



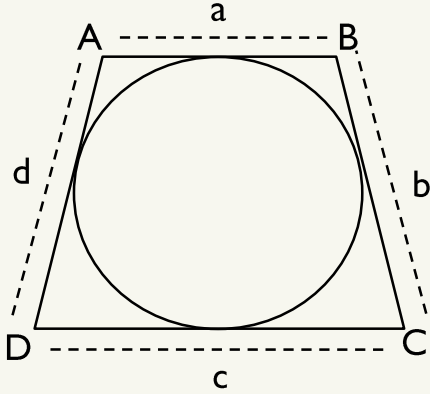
4.



5.

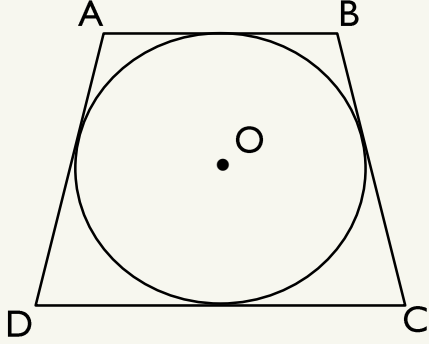


## Teğetler Dörtgeni

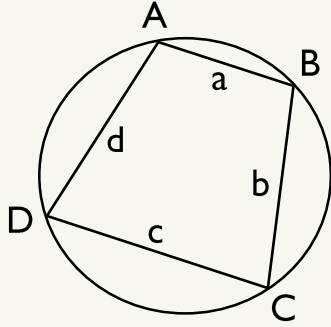


NOT

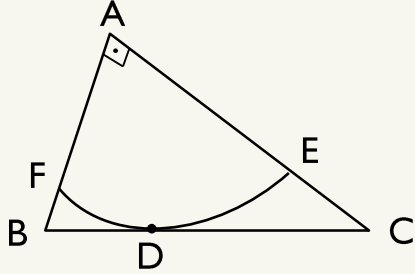
ABCD ikizkenar yamuk ise;



## Kiriřler Dörtgeni



## ÖRNEK



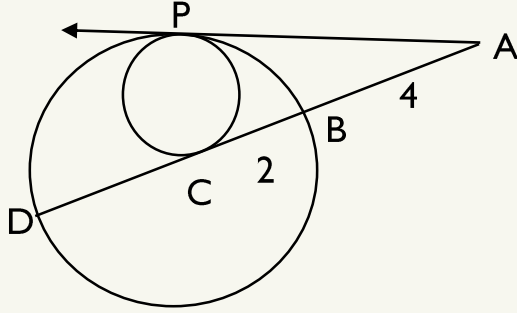
BAC bir dik üçgen,

A merkez, FDE çember yayı olmak üzere D noktasında üçgene teğettir.

$IBDI = 2$  cm,

$IDCI = 8$  cm ise  $IECI$  uzunluğu kaç cm'dir?

## ÖRNEK



İki çember P noktasında birbirine içten teğettir.

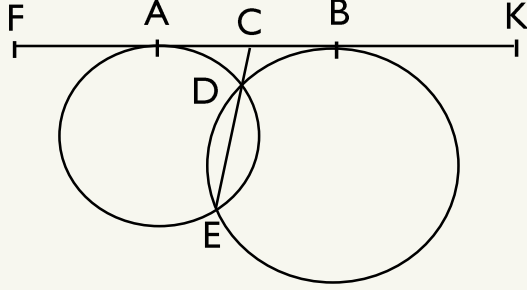
A, B, C, D noktaları doğrusal,

$AB = 4$  cm,  $BC = 2$  cm ise  $CD$  uzunluğu kaç cm'dir?

$|AD| = 2 \text{ cm}$ 

**dersdeo**  
öğrenmenin en kolay yolu ol

## ÖRNEK



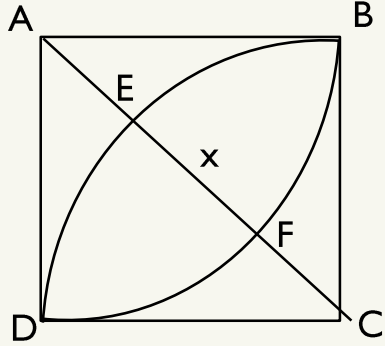
$$|AB| = 8 \text{ cm}$$

$$|CD| = 2 \text{ cm}$$

Çemberler D ve E noktalarında kesişiyor.

FK doğrusu, çemberlere A ve B noktalarında teğet olduğuna göre  $|DE|$  uzunluğu kaç cm'dir?

## ÖRNEK



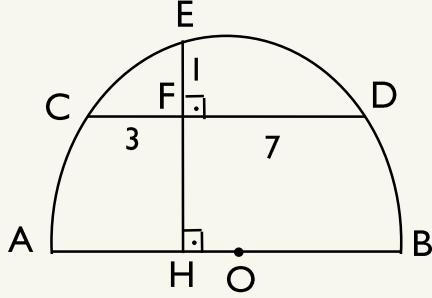
ABCD kare

[AC] köşegen

A ve C merkezli çeyrek çemberler şekildeki gibi veriliyor.

$|AB| = 4$  cm ise  $|EF| = x$  uzunluğu kaç cm'dir?

## ÖRNEK



O, yarım çember merkezi

$$[AB] \perp [EH]$$

$$[CD] \perp [EH]$$

$$ICFI = 3 \text{ cm}$$

$$IFDI = 7 \text{ cm}$$

IEFI = 1 cm olduğuna göre çemberin yarıçapı kaçtır?