Ad: No:

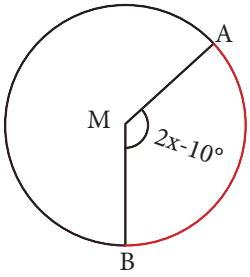
Soyad: Sınıfı:

www.fenmatik.com

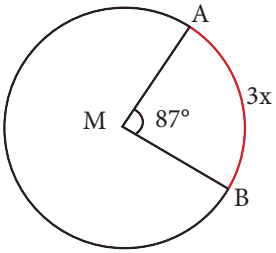
ÇEMBER VE DAİRE

1. Örnek

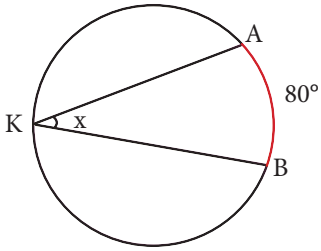
Aşağıdaki çemberlerde verilmeyen x değerlerini bulunuz.



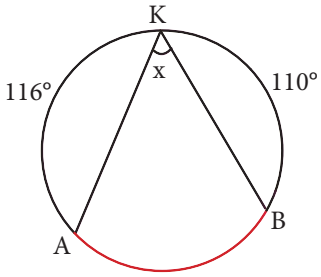
$I\widehat{ABI}$= 120° ise x kaçtır?



$s(\widehat{AMB})$= 87° ise x kaçtır?

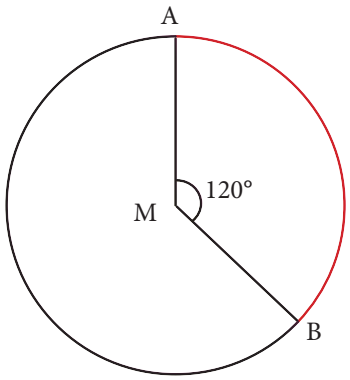


$I\widehat{ABI}$= 80° ise x kaçtır?



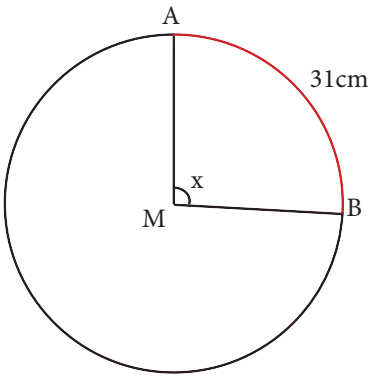
$I\widehat{KAI}$= 116° ve $I\widehat{KBI}$=110° ise x kaçtır?

2. Örnek



$s(\widehat{AMB})$= 120° ve IMBI=12 cm ise AB yay uzunluğunu kaç santimetredir?(π=3)

3. Örnek

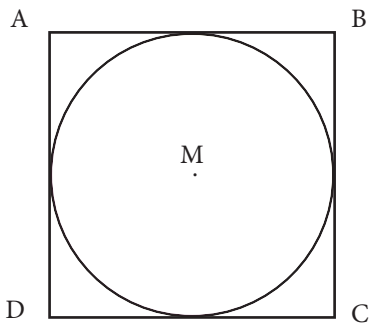


AB yay uzunluğu 31 cm ve yarıçapı 20 cm olan M merkezli çemberin x açısı kaç derecedir?(π=3)

4. Örnek

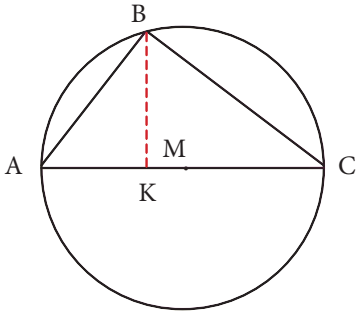
Aşağıda verilen soruları yanıtlayınız.

a)



ABCD karesi M merkezli çembere teğet ve çemberin çevresi 90 cm 'dir. Buna göre ABCD karesinin alanı kaç cm^2 'dir? (π=3)

b)



IACI çap

IBKI=14 cm (üçgene ait yükseklik)

M merkezli çemberin üzerinden alınan B noktası ile çap birleştirilerek alanı 112 cm^2 olan ABC üçgenini çizilmiştir. Buna göre çemberin çevresi kaç cm 'dir? (π=3)