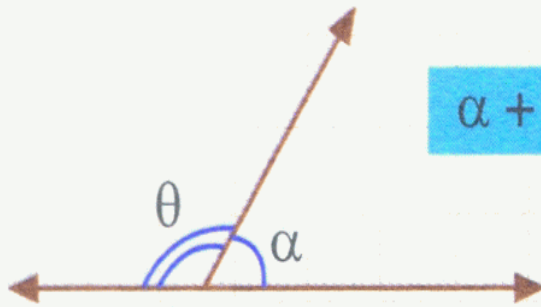


# AÇI BAĞINTILARI

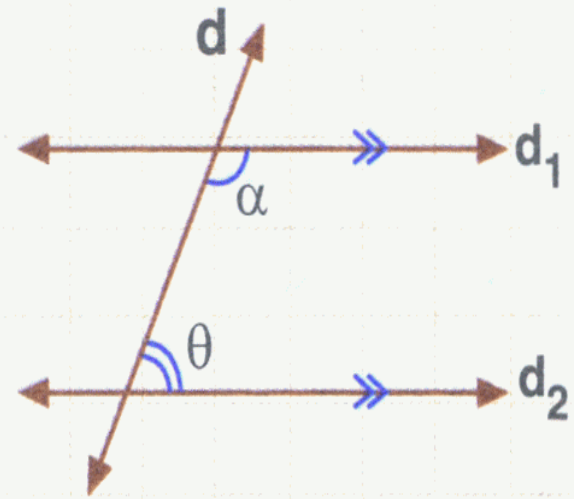
☆ **Çemberin çevresinin ölçüsü = 360 derece = 400 Grad =  $2\pi$  Radyan**

☆  $\frac{D}{180} = \frac{G}{200} = \frac{R}{\pi}$  ,  $1^\circ = 60' (\text{dakika})$   $1' = 60'' (\text{saniye})$   $1^\circ = 60' = 3600''$

**Bütünler açılar** (Ölçüleri toplamı  $180^\circ$  olan açılardır.)



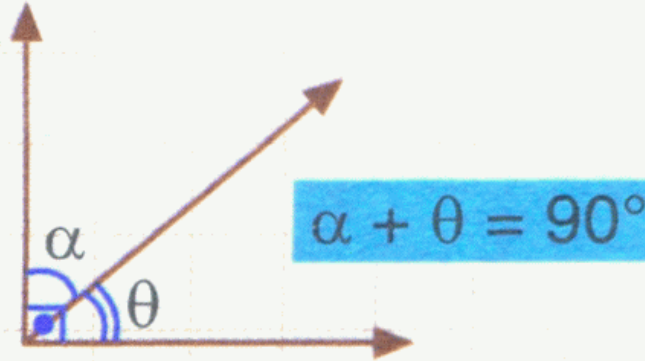
$$\alpha + \theta = 180^\circ$$



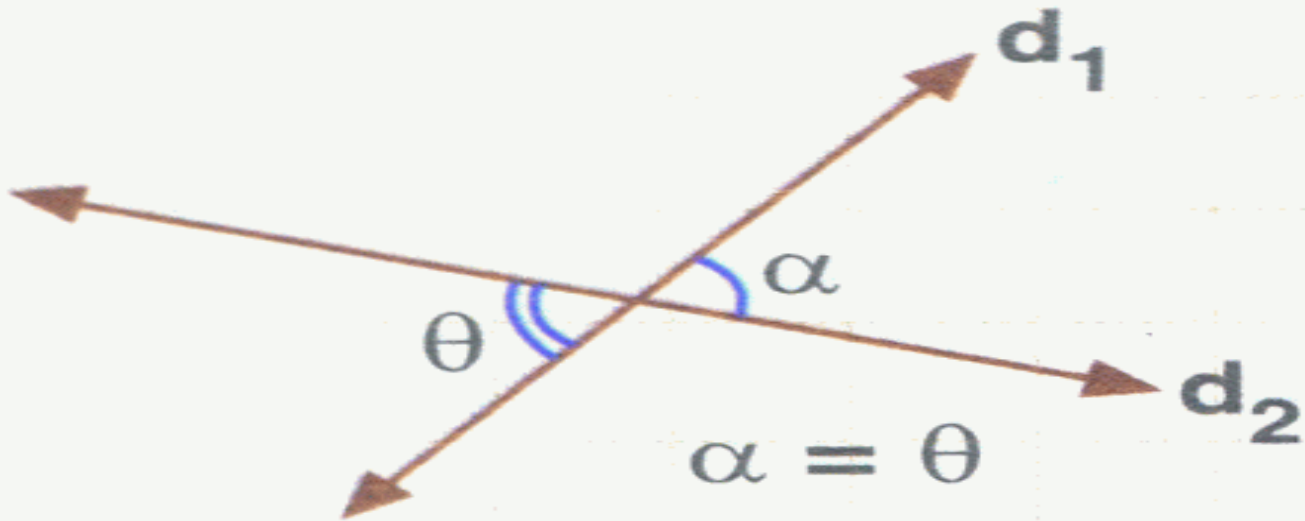
$$d_1 \parallel d_2 \Leftrightarrow \alpha + \theta = 180^\circ$$

## Tümler açılar

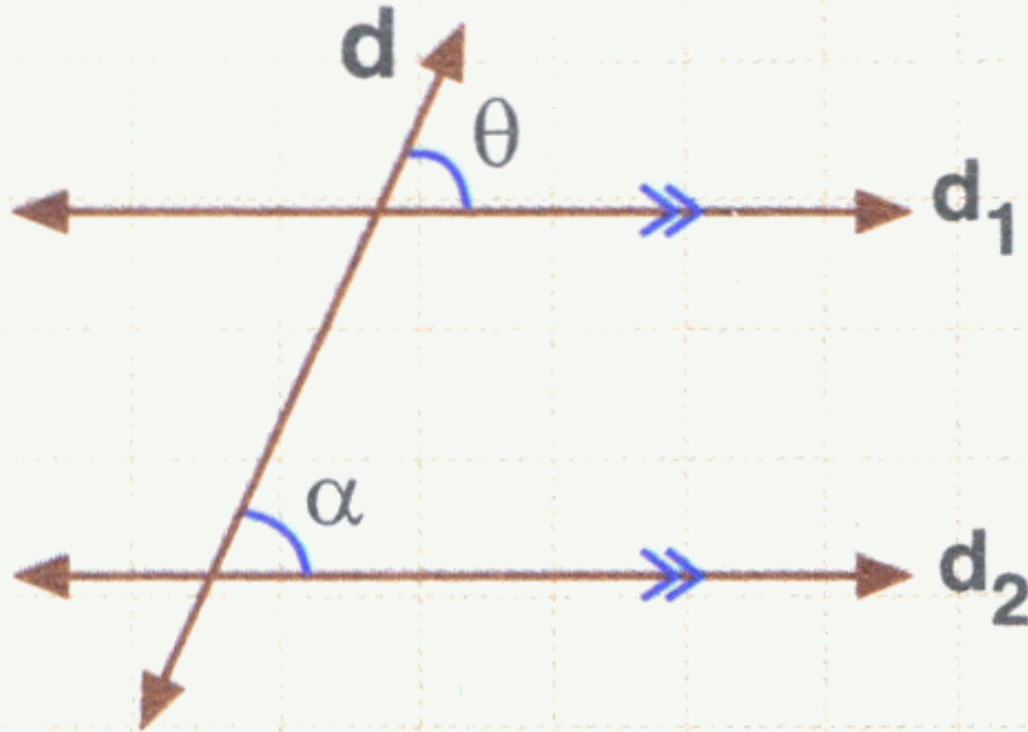
(Ölçüleri toplamı  $90^\circ$  olan açılardır.)



# Ters açılar

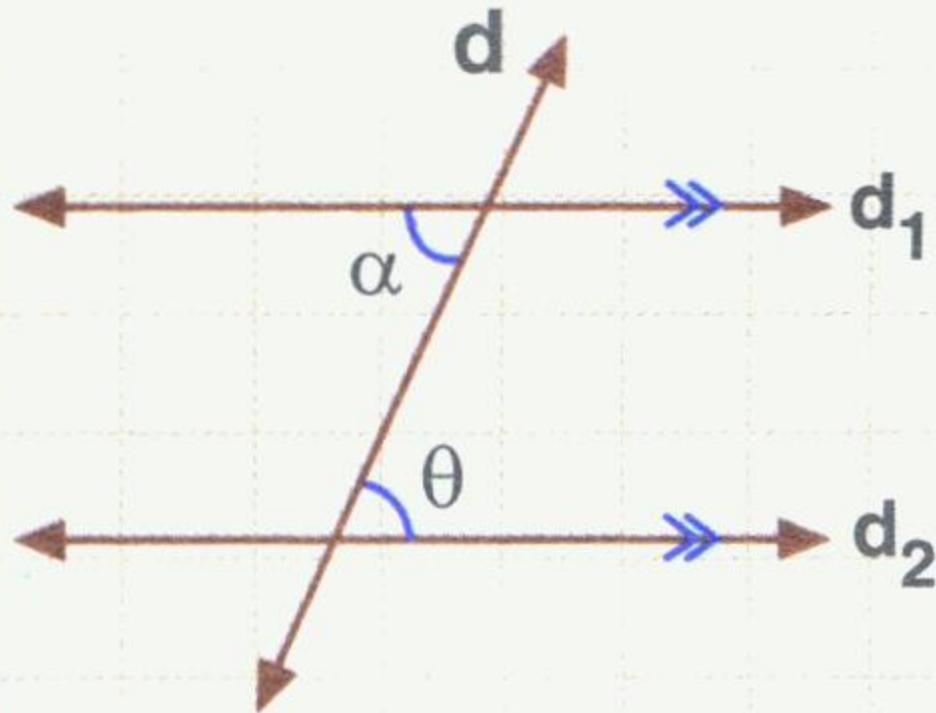


# Yöndeş açılar



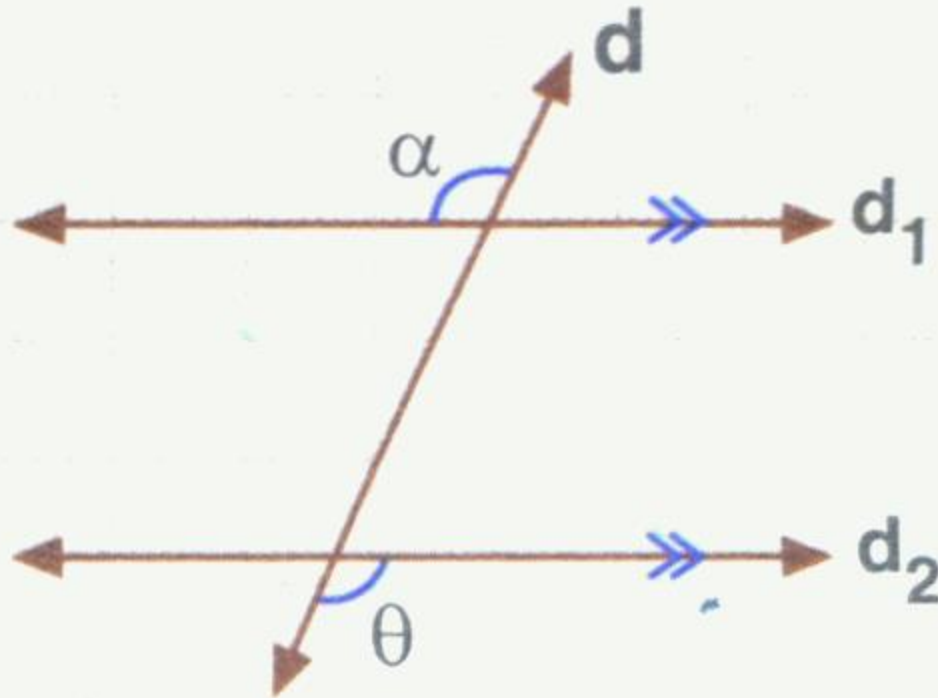
$$d_1 // d_2 \Leftrightarrow \alpha = \theta$$

## İç Ters açılar



$$d_1 \parallel d_2 \Leftrightarrow \alpha = \theta$$

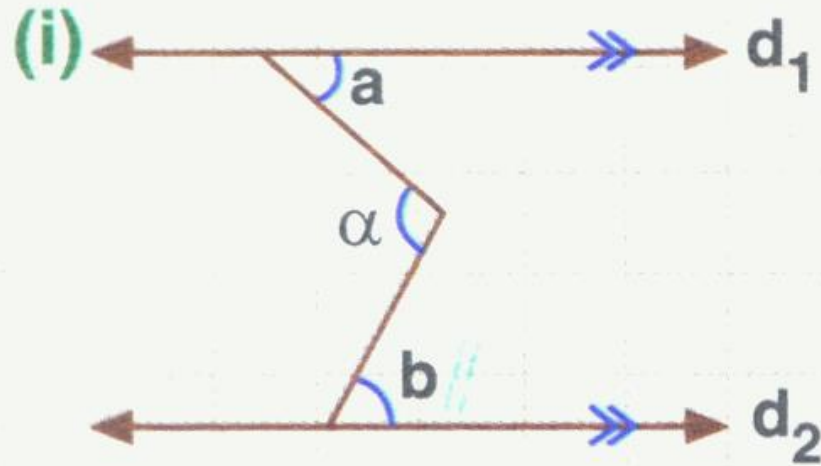
## Dış Ters açılar



$$d_1 \parallel d_2 \Leftrightarrow \alpha = \theta$$

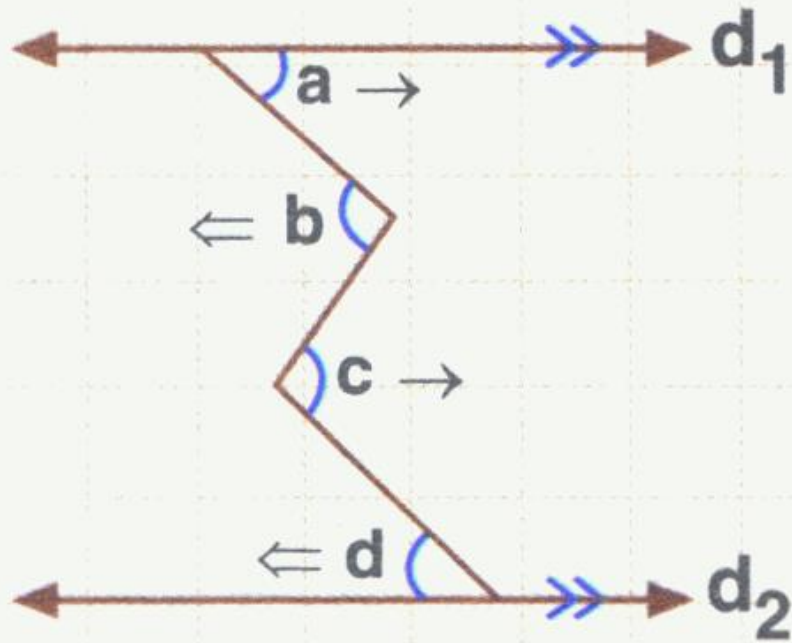


## Sonuçlar



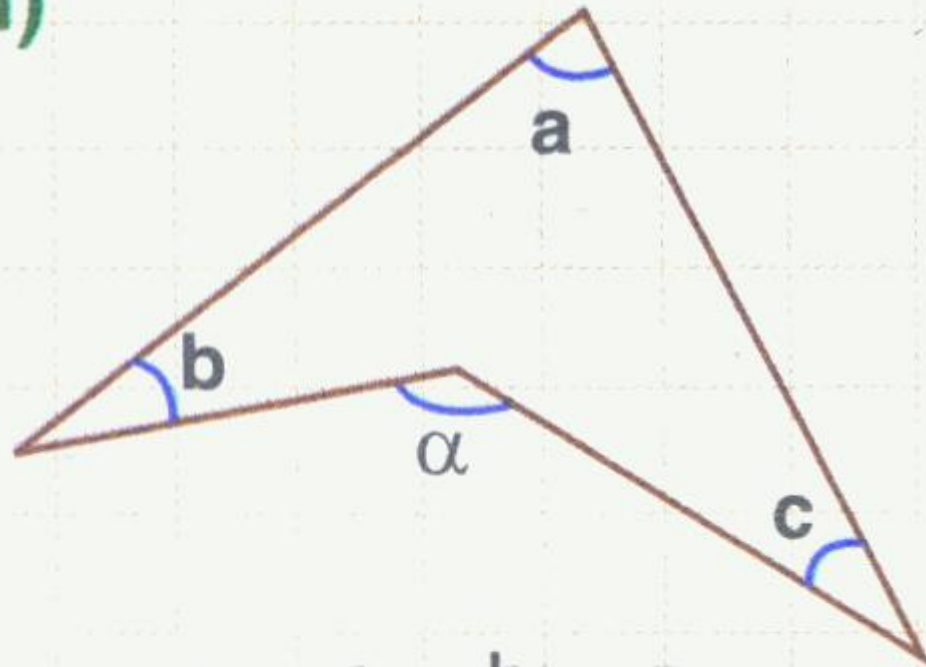
$$d_1 \parallel d_2 \Rightarrow \alpha = a + b$$

(ii)



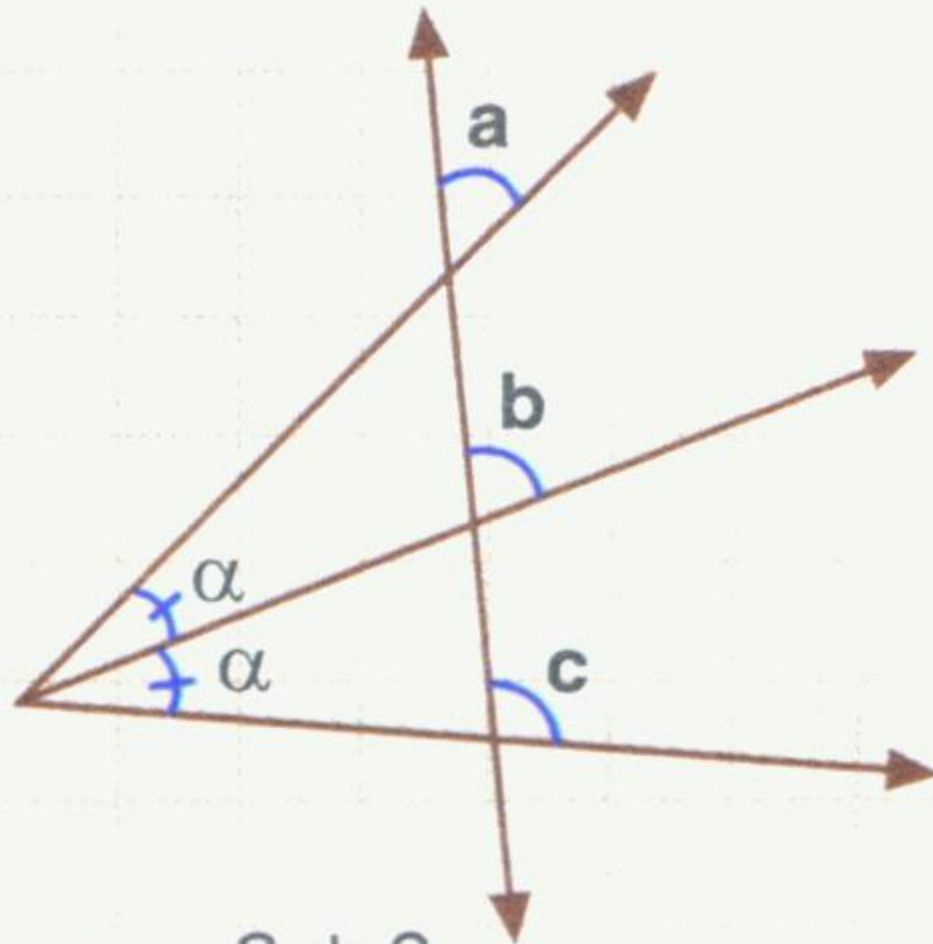
$$d_1 \parallel d_2 \Rightarrow a + c = b + d$$

(iii)



$$\alpha = a + b + c$$

(iv)



$$b = \frac{a + c}{2}$$