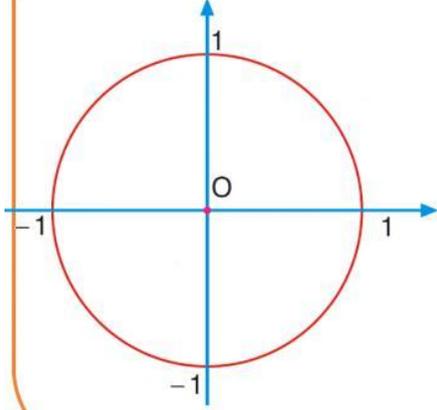


### Birinci Bölgede Olan Açıların Trigonometrik Değerleri



$$\sin(90 - x) =$$

$$\cos(90 - x) =$$

$$\tan(90 - x) =$$

$$\cot(90 - x) =$$

$$\sin\left(\frac{\pi}{2} - x\right) =$$

$$\tan\left(\frac{\pi}{2} - x\right) =$$

Birbirini 90 dereceye tamamlayan aşağıdaki trigonometrik değerler eşittir.

$$a + b = 90^\circ$$

$$\sin a = \cos b$$

$$\tan a = \cot b$$



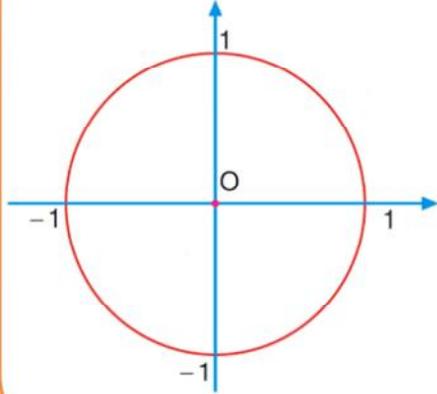
$$\sin 30 =$$

$$\tan 30 =$$

$$\cos 45 =$$

$$\cot 45 =$$

### İkinci Bölgede Olan Açıların Trigonometrik Değerleri



$$\sin(180 - x) =$$

$$\cos(\pi - x) =$$

$$\tan(180 - x) =$$

$$\cot(\pi - x) =$$



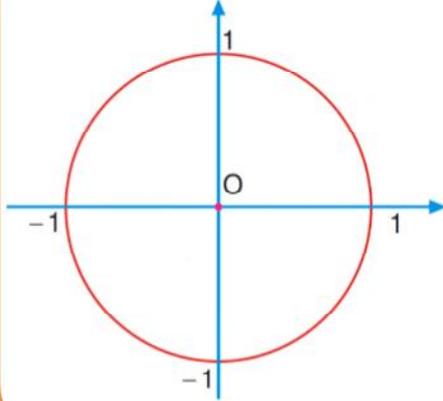
$$\sin 160^\circ =$$

$$\tan 150^\circ =$$

$$\sin 160^\circ =$$

$$\tan 150^\circ =$$

### Üçüncü Bölgede Olan Açıların Trigonometrik Değerleri



$$\sin(180 + x) =$$

$$\cos(\pi + x) =$$

$$\tan(\pi + x) =$$

$$\sin\left(\frac{3\pi}{2} - x\right) =$$

$$\cos(270 - x) =$$

$$\tan\left(\frac{3\pi}{2} - x\right) =$$

?

$$\sin 225^\circ =$$

$$\textcircled{1} \cot 225^\circ =$$

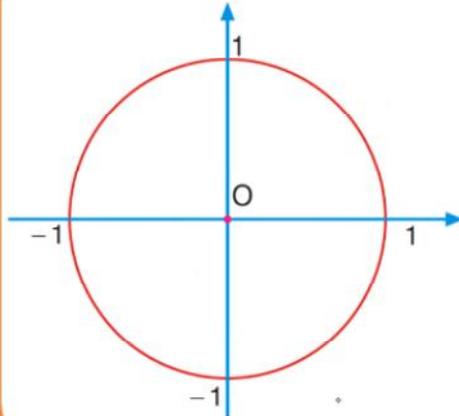
$$\cos 210^\circ =$$

$$\tan 240^\circ =$$

$$\textcircled{2} \sin 240^\circ =$$

$$\textcircled{3} \tan 210^\circ =$$

### Dördüncü Bölgede Olan Açıların Trigonometrik



$$\sin(360 - x) =$$

$$\cos(2\pi - x) =$$

$$\tan(2\pi - x) =$$

$$\sin\left(\frac{3\pi}{2} + x\right) =$$

$$\cos(270 + x) =$$

$$\tan\left(\frac{3\pi}{2} + x\right) =$$

?

$$\sin 315^\circ =$$

$$\cot 330^\circ =$$

$$\cos 300^\circ =$$

$$\tan 315^\circ =$$

$$\sin 330^\circ =$$

$$\tan 300^\circ =$$