

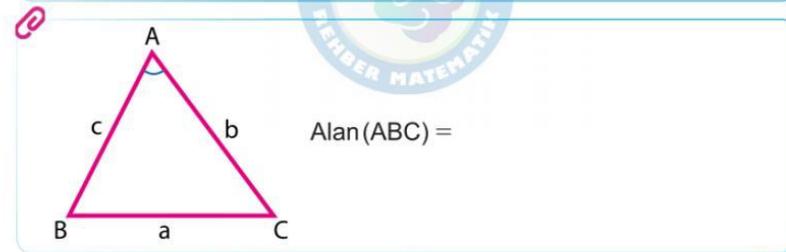
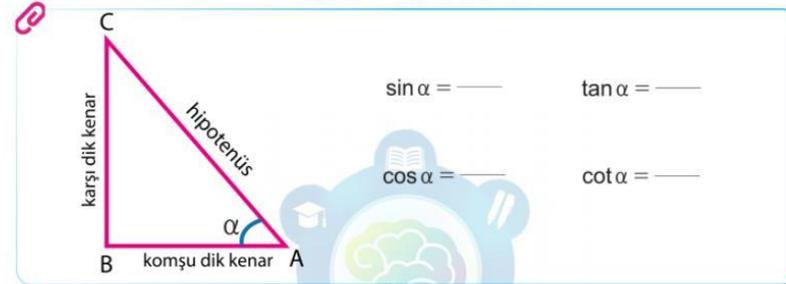


TRİGONOMETRİ

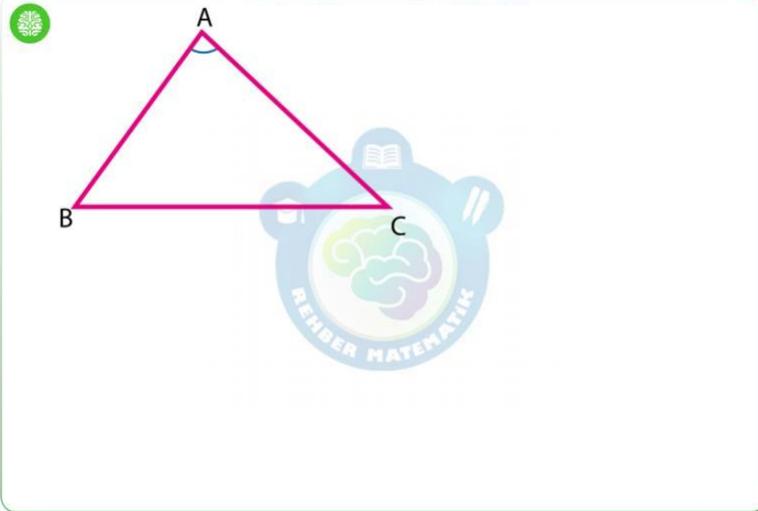
#1

Toplam-Fark Formülleri

Toplam - Fark Formülleri



Sinüs Toplam - Fark Formülleri



? $\sin 75^\circ$
ifadesinin değeri kaçtır?





$$\sin(a + b) = \sin a \cdot \cos b + \sin b \cdot \cos a$$
$$\sin(a - b) =$$



$\sin 15^\circ$
ifadesinin değeri kaçtır?



5



6



Kosinüs Toplam - Fark Formülleri



$$\sin(a + b) = \sin a \cdot \cos b + \sin b \cdot \cos a$$
$$a \rightarrow \pi - a$$



$$\cos(a + b) = \cos a \cdot \cos b - \sin a \cdot \sin b$$
$$\cos(a - b) = \cos a \cdot \cos b + \sin a \cdot \sin b$$



$\cos 105^\circ$
ifadesinin değeri kaçtır?



7



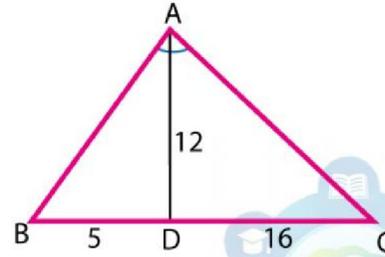
8





$$\frac{\sin 86 \cdot \cos 26 - \sin 26 \cdot \cos 86}{\cos 21 \cdot \cos 24 - \sin 21 \cdot \sin 24}$$

ifadesinin değeri kaçtır?



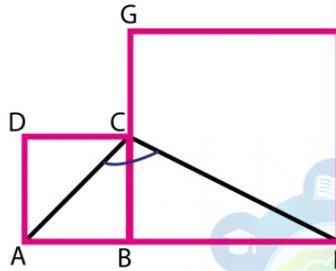
Şekilde verilene göre, $\sin(\text{BAC})$ kaçtır?



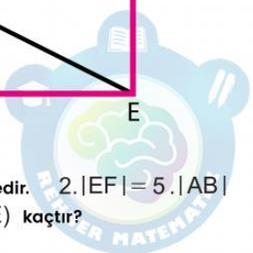
9



10



ABCD ve BEFG bir karedir. $2 \cdot |EF| = 5 \cdot |AB|$ olduğuna göre, $\cos(\text{ACE})$ kaçtır?



11

