



1. $\arcsin \frac{\sqrt{2}}{2} + \arccos \frac{\sqrt{2}}{2}$ ifadesi hangisine eşittir?

- A) $\frac{\pi}{5}$ B) $\frac{\pi}{4}$ C) $\frac{\pi}{3}$ D) $\frac{\pi}{2}$ E) π



2. $\cot \left(\arcsin \frac{2}{3} \right)$ ifadesi kaçta eşittir?

- A) $\frac{\sqrt{5}}{2}$ B) $\frac{\sqrt{3}}{5}$ C) $\frac{3}{5}$ D) $\frac{4}{5}$ E) 1



3. $\arccos \left(\frac{x+5}{4} \right) = \frac{\pi}{3}$ ise x kaçtır?

- A) -4 B) -3 C) 0 D) 1 E) 2



4. $\tan \left(\pi + \arccos \frac{1}{2} \right)$ ifadesi neye eşittir?

- A) $-\frac{\sqrt{3}}{3}$ B) $-\frac{1}{3}$ C) 1 D) $\sqrt{3}$ E) $2\sqrt{3}$



5. $\cos \left(2 \arcsin \frac{1}{2} \right)$ ifadesi neye eşittir?

- A) $-\frac{\sqrt{3}}{3}$ B) $-\frac{1}{3}$ C) $\frac{1}{2}$ D) $\sqrt{3}$ E) $2\sqrt{3}$



6. $\arctan(-1) - \arccos \left(-\frac{1}{2} \right)$ işleminin sonucu kaç derecedir?

- A) 120° B) 150° C) 195° D) 225° E) 315°



TRİGONOMETRİ - ARC, GRAFİK, PERİYOT - 3 - (12) K

7. $\tan\left(\operatorname{arccot} 3 + \operatorname{arccos} \frac{12}{13}\right)$ ifadesi hangisine eşittir?

- A) $\frac{11}{13}$ B) $\frac{17}{20}$ C) $\frac{23}{24}$ D) $\frac{29}{30}$ E) $\frac{27}{31}$



8. $\sin(2 \operatorname{arccot} 5)$ ifadesi hangisine eşittir?

- A) $-\frac{4}{5}$ B) $\frac{5}{13}$ C) $\frac{3}{5}$ D) $\frac{4}{5}$ E) $\frac{5}{12}$



9. $\cos\left(\operatorname{arcsin}\left(-\frac{5}{13}\right)\right)$ ifadesi hangisine eşittir?

- A) $-\frac{12}{13}$ B) $-\frac{3}{5}$ C) $\frac{4}{5}$ D) $\frac{5}{13}$ E) $\frac{12}{13}$

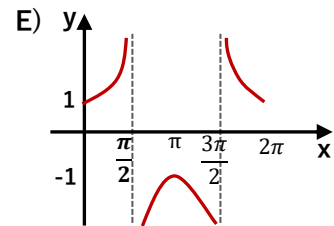
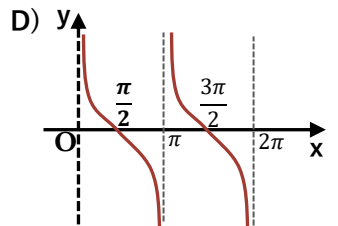
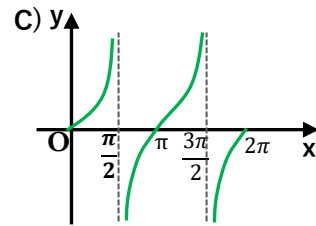
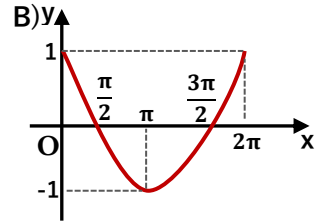
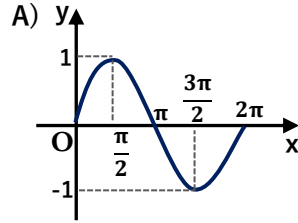


10. $f(x) = \sin(6x + 1) + \cos(4x - 1)$ ise $f(x)$ fonksiyonunun periyodu aşağıdakilerden hangisidir?

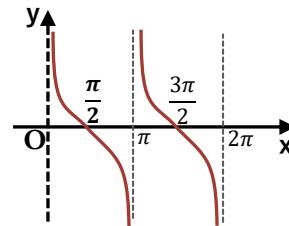
- A) $\frac{\pi}{6}$ B) $\frac{\pi}{4}$ C) $\frac{\pi}{3}$ D) $\frac{\pi}{2}$ E) π



11. Aşağıdakilerden hangisi $y = \tan x$ in grafiğidir?



12.



Yandaki grafik aşağıdakilerden hangisinin grafiğidir?

- A) $y = \sin x$ B) $y = \cos x$ C) $y = \tan x$
D) $y = \cot x$ E) $y = \sec x$



Daha fazla test ve konu anlatımı için matematikchi.net

E B E

E C D