

Topics in Trigonometry

1. Evaluate:

a. $\cos \frac{5\pi}{4} =$

b. $\tan \pi =$

c. $\tan \frac{11\pi}{2} =$

d. $\cos \pi =$

e. $\sin \frac{3\pi}{2} =$

f. $\sec \frac{5\pi}{4} =$

g. $\cot \pi =$

h. $\csc \frac{3\pi}{2} =$

2. Explain how you get two other Pythagorean IDs from $\sin^2 A + \cos^2 A = 1$?