

Cofunction Identities

Complete the following using cofunctions of complementary angle theorem.

1) $\sec \frac{7\pi}{45} = \csc$ _____

2) $\csc 69^\circ = \sec$ _____

3) $\tan 40^\circ = \cot$ _____

5) $\csc \frac{\pi}{5} = \sec$ _____

7) $\cos 84^\circ = \sin$ _____

9) $\sin \frac{9\pi}{20} = \cos$ _____

10) $\sec 13^\circ = \csc$ _____

11) $\cot 57^\circ = \tan$ _____

12) $\cos \frac{\pi}{4} = \sin$ _____

PREVIEW

Gain complete access to the largest
collection of worksheets in all subjects!

Members, please
log in to
download this
worksheet.

Not a member?
Please sign up to
gain complete
access.

www.mathworksheets4kids.com

Cofunction Identities

Complete the following using cofunctions of complementary angle theorem.

1) $\sec \frac{7\pi}{45} = \csc \underline{\frac{31\pi}{90}}$

2) $\csc 69^\circ = \sec \underline{21^\circ}$

3) $\tan 40^\circ = \csc$

an $\underline{\frac{19\pi}{90}}$

5) $\csc \frac{\pi}{5} = \sin$

PREVIEW
Gain complete access to the largest collection of worksheets in all subjects!

cos $\underline{14^\circ}$

7) $\cos 84^\circ = \sin$

cot $\underline{\frac{7\pi}{18}}$

9) $\sin \frac{9\pi}{20} = \cos \underline{\frac{\pi}{20}}$

10) $\sec 13^\circ = \csc \underline{77^\circ}$

11) $\cot 57^\circ = \tan \underline{33^\circ}$

12) $\cos \frac{\pi}{4} = \sin \underline{\frac{\pi}{4}}$