

Cofunction Identities

Complete the following using cofunctions of complementary angle theorem.

1) $\sin 17^\circ = \cos$ _____

2) $\sec \frac{22\pi}{45} = \csc$ _____

3) $\csc \frac{\pi}{3} = \sin$ _____

5) $\cot 71^\circ = \tan$ _____

7) $\tan \frac{11\pi}{30} = \csc$ _____

9) $\cos 58^\circ = \sin$ _____

10) $\cot \frac{3\pi}{20} = \tan$ _____

11) $\sec \frac{13\pi}{36} = \csc$ _____

12) $\tan 62^\circ = \cot$ _____

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Cofunction Identities

Complete the following using cofunctions of complementary angle theorem.

1) $\sin 17^\circ = \cos$ **73°**

2) $\sec \frac{22\pi}{45} = \csc$ **$\frac{\pi}{90}$**

3) $\csc \frac{\pi}{3} = \sin$ **55°**

5) $\cot 71^\circ = \tan$ **$\frac{13\pi}{60}$**

7) $\tan \frac{11\pi}{30} = \csc$ **61°**

9) $\cos 58^\circ = \sin$ **32°**

10) $\cot \frac{3\pi}{20} = \tan$ **$\frac{7\pi}{20}$**

11) $\sec \frac{13\pi}{36} = \csc$ **$\frac{5\pi}{36}$**

12) $\tan 62^\circ = \cot$ **28°**

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