

Cofunction Identities

Part A

Write each number as a trigonometric function of an acute angle less than 45° or $\frac{\pi}{4}$.

1) $\tan \frac{43\pi}{98}$

2) $\sec 79^\circ$

3) $\cos \frac{\pi}{2}$

4) $\sin \frac{11\pi}{30}$

$\csc 82^\circ$

Write each number as a trigonometric function of an acute angle greater than 45° or $\frac{\pi}{4}$.

7) $\cos 43^\circ$

$\tan 28^\circ$

10) $\sec \frac{7\pi}{60}$

11) $\csc \frac{7\pi}{40}$

12) $\sin 17^\circ$

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Cofunction Identities

Part A

Write each number as a trigonometric function of an acute angle less than 45° or $\frac{\pi}{4}$.

1) $\tan \frac{43\pi}{98}$

2) $\sec 79^\circ$

3) $\cos \frac{\pi}{2}$

$\cot \frac{3\pi}{49}$

$\csc 11^\circ$

$\sin 0$

4) $\sin \frac{11\pi}{30}$

PREVIEW

$\csc 82^\circ$

$\cos \frac{2\pi}{15}$

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$\sec 8^\circ$

Write each number as a trigonometric function of an acute angle greater than 45° or $\frac{\pi}{4}$.

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acute angle greater

7) $\cos 43^\circ$

$\tan 28^\circ$

$\sin 47^\circ$

$\tan 45$

$\cot 62^\circ$

10) $\sec \frac{7\pi}{60}$

11) $\csc \frac{7\pi}{40}$

12) $\sin 17^\circ$

$\csc \frac{23\pi}{60}$

$\sec \frac{13\pi}{40}$

$\cos 73^\circ$