

Cofunction Identities

Part A

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

1) $\sin \frac{17\pi}{60}$

2) $\cot 69^\circ$

3) $\sec \frac{23\pi}{90}$

4) $\tan 84^\circ$

$\cos 57^\circ$

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

$\sec \frac{7\pi}{36}$

7) $\sin 40^\circ$

$\sec \frac{7\pi}{36}$

10) $\csc 15^\circ$

11) $\cos \frac{7\pi}{30}$

12) $\cot 26^\circ$

Cofunction Identities

Part A

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

1) $\sin \frac{17\pi}{60}$

2) $\cot 69^\circ$

3) $\sec \frac{23\pi}{90}$

$\cos \frac{13\pi}{60}$

$\tan 21^\circ$

$\csc \frac{11\pi}{45}$

4) $\tan 84^\circ$

PREVIEW

$\cos 57^\circ$

$\cot 6^\circ$

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$\sin 33^\circ$

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) $\sin 40^\circ$

$\sec \frac{7\pi}{36}$

$\cos 50^\circ$

$\cot 20^\circ$

$\csc \frac{11\pi}{36}$

10) $\csc 15^\circ$

11) $\cos \frac{7\pi}{30}$

12) $\cot 26^\circ$

$\sec 75^\circ$

$\sin \frac{4\pi}{15}$

$\tan 64^\circ$