

Find the reference angle of each

$235^\circ$

$375^\circ$

$118^\circ$

$-85^\circ$

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

$\frac{17\pi}{15}$

$\frac{13\pi}{5}$

$-\frac{2\pi}{9}$

Find one positive and one negative conterminal angle.

$$175^\circ$$

$$-775^\circ$$

$$\frac{17\pi}{10}$$

$$-\frac{7\pi}{3}$$

Find the exact value of the given trigonometric function.

$$\cos 30^\circ$$

$$\sin \frac{\pi}{3}$$

$$\tan \frac{5\pi}{6}$$

$$\csc 30^\circ$$

$$\cot 135^\circ$$

$$\sin -240^\circ$$

$$\cos -\frac{21\pi}{4}$$

$$\tan -540^\circ$$

$$\sec \frac{7\pi}{4}$$

$$\sec 570^\circ$$