Name:

Date:

Evaluating Each Trigonometric Function

Find the exact value of each trigonometric function.

1) $\tan 405^\circ$

2) $\tan \frac{7\pi}{6}$

3) $\cos -\frac{\pi}{4}$

4) $\sin 690^\circ$

5) $\cos 225^\circ$

6) $\tan -\frac{\pi}{6}$

7) $\tan 420^\circ$

8) $\cot -495^\circ$

9) $\cot -\frac{7\pi}{6}$

10) $\cos -480^\circ$

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1) $\tan 405^\circ$

1

2) $\tan \frac{7\pi}{6}$

$\frac{\sqrt{3}}{3}$

3) $\cos -\frac{\pi}{4}$

$\frac{\sqrt{2}}{2}$

4) $\sin 690^\circ$

$-\frac{1}{2}$

5) $\cos 225^\circ$

$-\frac{\sqrt{2}}{2}$

6) $\tan -\frac{\pi}{6}$

$-\frac{\sqrt{3}}{3}$

7) $\tan 420^\circ$

$\sqrt{3}$

8) $\cot -495^\circ$

1

9) $\cot -\frac{7\pi}{6}$

$-\sqrt{3}$

10) $\cos -480^\circ$

$-\frac{1}{2}$