

SHORT ANSWER. Write the word or phrase that best completes each statement or answers the question.

Find the reference angle for the given angle.

1) 135° 1) _____

2) 420° 2) _____

3) $\frac{3\pi}{4}$ 3) _____

4) $\frac{13\pi}{12}$ 4) _____

Find the exact value of the expression.

5) $\sin 240^\circ$ 5) _____

6) $\cos 150^\circ$ 6) _____

7) $\sec 225^\circ$ 7) _____

8) $\cos \frac{7\pi}{4}$ 8) _____

9) $\sin \frac{7\pi}{6}$ 9) _____

10) $\tan \frac{19\pi}{3}$ 10) _____