

Name : _____

Double-Angle Identities

Sheet 1

Find the exact value.

1) $\sin 450^\circ$

2) $\tan 2\pi$

3) $\tan 660^\circ$

4) $\cos 540^\circ$

5) $\cos \frac{5\pi}{2}$

6) $\sin \frac{10\pi}{3}$

Name : _____

Answer key

Sheet 1

Double-Angle Identities

Find the exact value.

1) $\sin 450^\circ$

1

2) $\tan 2\pi$

0

3) $\tan 660^\circ$

$-\sqrt{3}$

4) $\cos 540^\circ$

-1

5) $\cos \frac{5\pi}{2}$

0

6) $\sin \frac{10\pi}{3}$

$-\frac{\sqrt{3}}{2}$