

Name : _____

Sheet 1

Half-Angle Identities

Find the exact value.

1) $\sin \frac{\pi}{8}$

2) $\cos 45^\circ$

3) $\cos \pi$

5) $\tan 75^\circ$

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Half-Angle Identities

Find the exact value.

1) $\sin \frac{\pi}{8}$

2) $\cos 45^\circ$

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

3) $\cos \pi$

$$-1$$

5) $\tan 75^\circ$

$$2 + \sqrt{3}$$

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

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