

Name : _____

Half-Angle Identities

Find the exact value.

1) $\tan 60^\circ$

2) $\sin \frac{5\pi}{6}$

3) $\sin 67.5^\circ$

5) $\cos \frac{5\pi}{12}$

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Half-Angle Identities

Find the exact value.

1) $\tan 60^\circ$

2) $\sin \frac{5\pi}{6}$

$\sqrt{3}$

3) $\sin 67.5^\circ$

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

5) $\cos \frac{5\pi}{12}$

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

$\sqrt{2} + 1$

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