

Finding Exact Cosine, Sine, and Tangent of Angles
On a Unit Circle

Name:

Find the exact value of sine, cosine, and tangent of the given angle. Include sketch and label triangle.

Sin (Soh) =

Cos (Cah) =

Tan (Toa) =

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

2) $-\frac{\pi}{3}$

3) $-\frac{7\pi}{6}$

4) $-\frac{7\pi}{4}$

5) $\frac{2\pi}{3}$

6) $\frac{11\pi}{6}$

Finding Exact Cosine, Sine, and Tangent of Angles

On a Unit Circle

Find the exact value of sine, cosine, and tangent of the given angle. Include sketch and label triangle. (use radians)
 * ref L will be $\pi/4$ or $\pi/3$ or $\pi/6$

Sin (Soh) =

Cos (Cah) =

Tan (Toa) =

7) $\frac{5\pi}{4}$

8) $\frac{10\pi}{3}$

9) $\frac{13\pi}{6}$

10) $-\frac{5\pi}{3}$

11) $-\frac{5\pi}{6}$

12) $-\frac{9\pi}{4}$