

05/09/2019

EXACT VALUES FROM REFERENCE Δ 'S - Radians

CO: I can find exact values from reference triangles.

Steps:

1. Convert _____ to _____.
2. Draw the _____ and find the _____ angle.
3. Drop the _____ to create the reference triangle.
4. Label all the sides of the _____.
5. List the _____ that the triangle lies in.
6. Find the _____ values of that given angle.

Examples: Follow the steps above.

1. $\frac{\pi}{4}$

RA:

Quadrant:

$$\sin \frac{\pi}{4} =$$

$$\cos \frac{\pi}{4} =$$

$$\tan \frac{\pi}{4} =$$

2. $\frac{4\pi}{3}$

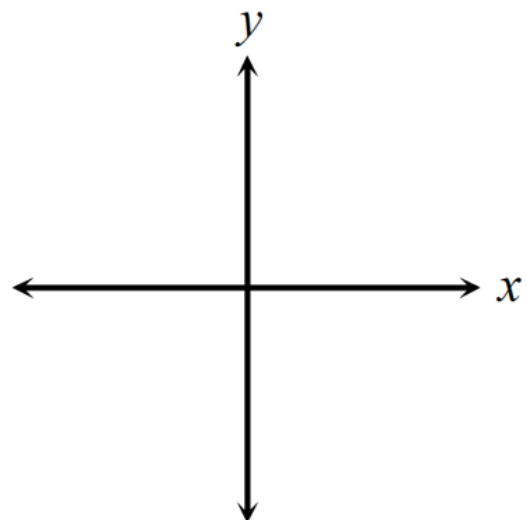
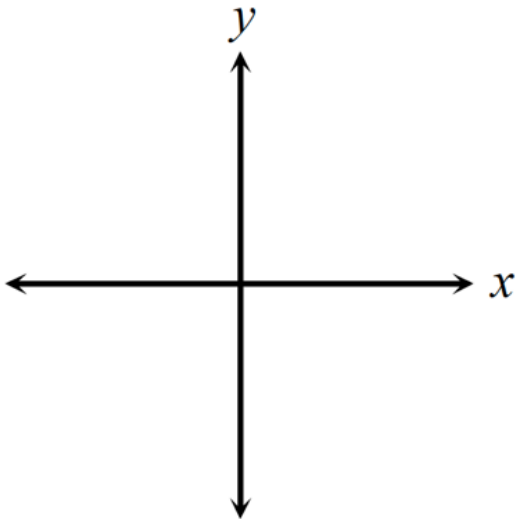
RA:

Quadrant:

$$\sin \frac{4\pi}{3} =$$

$$\cos \frac{4\pi}{3} =$$

$$\tan \frac{4\pi}{3} =$$



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3. $\frac{9\pi}{4}$

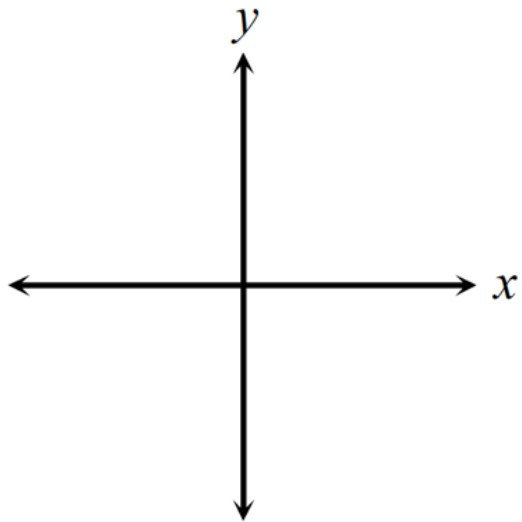
RA:

Quadrant:

$$\sin \frac{9\pi}{4} =$$

$$\cos \frac{9\pi}{4} =$$

$$\tan \frac{9\pi}{4} =$$



4. $\frac{5\pi}{6}$

RA:

Quadrant:

$$\sin \frac{5\pi}{6} =$$

$$\cos \frac{5\pi}{6} =$$

$$\tan \frac{5\pi}{6} =$$

