



List all eight facts of **Spoke 8** in unit circle. See *Page 2* for answers.

Angle in Degrees: \_\_\_\_\_

Angle in Radians: \_\_\_\_\_

Trig Function Values

$\sin \theta$ : \_\_\_\_\_

$\cos \theta$ : \_\_\_\_\_

$\tan \theta$ : \_\_\_\_\_

$\csc \theta$ : \_\_\_\_\_

$\sec \theta$ : \_\_\_\_\_

$\cot \theta$ : \_\_\_\_\_

Answers

Angle in Degrees: **150°**

Angle in Radians:  $\frac{5\pi}{6}$

$$\sin \theta: \frac{1}{2}$$

$$\cos \theta: -\frac{\sqrt{3}}{2}$$

$$\tan \theta: -\frac{\sqrt{3}}{3}$$

$$\csc \theta: 2$$

$$\sec \theta: -\frac{2\sqrt{3}}{3}$$

$$\cot \theta: -\sqrt{3}$$