

$\cot 330^{\circ}=\frac{3}{\sqrt{3}}=-\sqrt{3} \quad \cos 225^{\circ}=\frac{\sqrt{2}}{3}$

$\sin 60^{\circ}=\frac{\sqrt{3}}{2} \quad \sec 60^{\circ}=2$ $\tan 30^{\circ}=\frac{\sqrt{6}}{3}$
$\csc 45^{\circ}=\frac{2}{\sqrt{2}} \sqrt{2}$ $=\frac{2 \sqrt{2}}{2}$

$\cot _{\frac{190^{\circ}}{270^{\circ}}}$
$=0$

$$
\begin{aligned}
& \text { Dea sin cos fort } \begin{array}{l}
\text { sin } 280)^{2} \\
\sin
\end{array} \\
& \sin ^{2} 240^{\circ}-\cot \left(-225^{\circ}\right) \csc 630^{\circ} \\
& \text { क. } \\
& \left(-\frac{\sqrt{3}}{2}\right)^{2}-(-1)(-1) \\
& =\frac{3}{4}-1=-\frac{1}{4}
\end{aligned}
$$

$$
\sin \theta=-\frac{\sqrt{3}}{2} \quad 0^{\circ} \leq \theta<360^{\circ}
$$

Find angles.

$\tan \theta=\sqrt{3}$
$\cot \theta=\frac{-\sqrt{3}}{3}$

$120^{\circ}, 300^{\circ}$

1) Find quadrants
2) Find reference $L$.
3) Name angles.

Find angles.

$$
0^{\circ} \leqslant \theta<360^{\circ}
$$

1) Find quadrants.

USing ASTC
a) Find reference $L$.
3) Name angles
$\frac{1}{0} \frac{0}{1}$
$\csc \theta$ is undefined.

$$
\begin{aligned}
& \sin \theta=0 \\
& 0^{\circ}, 180^{\circ}
\end{aligned}
$$

