

$$y = a - \frac{bx+c}{b} + d$$

$$amp | a| NA NA$$

$$period \frac{2\pi}{b} - \frac{2\pi}{b} - \frac{\pi}{b} \qquad y = (2x-7)^2 + 3$$

$$p.s. bx+c=0 bx+c=0 bx+c=0 x=-c/b x=-c/b$$

$$V.s. d d d$$

SPECIAL ANGLES

$$\cos\frac{4\pi}{3}-\cot^2\left(-\frac{5\pi}{6}\right)$$

$$\frac{-1/2 - (\sqrt{3})^2}{(-1)(\sqrt[4]{2})}$$

$$\frac{-\frac{1}{a}-3}{-\sqrt{a}} = \frac{+7}{2}$$



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

Find O



$$Sin \theta = \frac{y}{r} \quad Csc \theta = \frac{r}{y}$$

$$Cos \theta = \frac{x}{r} \quad sec \theta = \frac{r}{x}$$

$$Sn \theta > 0.$$

$$tan \theta = \frac{y}{x} \quad Cot \theta = \frac{x}{y}$$

$$Cot \theta = \frac{x}{y} \quad Tsc \theta = \frac{x}{y}$$

$$Cot \theta = \frac{x}{y} =$$

Inverse Trig Functions

$$\begin{array}{c|c}
\hline
Cos^{1}x \\
Sec^{1}x \\
Scot^{1}x
\end{array}$$

$$\begin{array}{c|c}
Cos^{1}x \\
Sin^{1}x
\end{array}$$

$$\begin{array}{c|c}
Csc^{1}x \\
Sin^{1}x
\end{array}$$

$$\begin{array}{c|c}
Csc^{1}x \\
Sin^{1}x
\end{array}$$

$$\begin{array}{c|c}
Csc \\
Sec^{1} & \downarrow \\
Tx
\end{array}$$

$$\begin{array}{c|c}
Csc \\
Sec^{1} & \downarrow \\
Tx
\end{array}$$

$$\begin{array}{c|c}
Csc \\
Sec^{1} & \downarrow \\
Tx
\end{array}$$

$$\begin{array}{c|c}
Csc \\
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Tx
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$$\begin{array}{c|c}
Csc \\
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$$\begin{array}{c|c}
Csc \\
Sec^{1} & \downarrow \\
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$$\begin{array}{c|c}
Csc \\
Sec^{1} & \downarrow \\
Tx
\end{array}$$

$$\begin{array}{c|c}
Csc \\
Sec^{1} & \downarrow \\
Tx
\end{array}$$

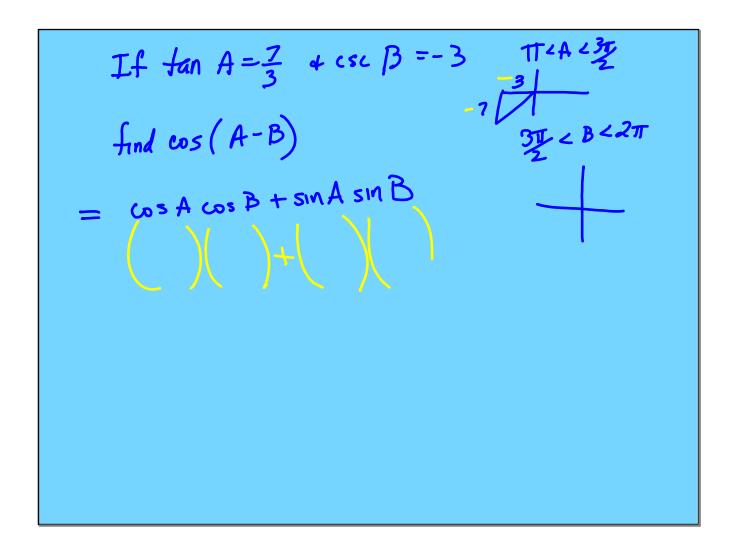
$$\begin{array}{c|c}
Csc \\
Sec^{1} & \downarrow \\
Tx
\end{array}$$

$$\begin{array}{c|c}
Csc \\
Sec^{1} & \downarrow \\
Tx
\end{array}$$

$$\begin{array}{c|c}
Csc \\
Sec^{1} & \downarrow \\
Tx
\end{array}$$

$$\begin{array}{c|c}
Csc \\
Sec^{1} & \downarrow \\
Tx
\end{array}$$

$$\begin{array}{c|c}
Csc \\
Csc \\$$



Law of Sines ASA

$$a = \frac{b}{\sin B} = \frac{c}{\sin C}$$
 SSA*

Law of Cosines SAS

$$a^2 = b^2 + c^2 - 2bc\cos A$$

