




 $\square$
How do I calculate the six trig ratios of an angle in a right triangle?
Using the Calculator...
Find the degree measure of acute angle $\theta$ correct to 3 decimal places.
 .

$$
\begin{aligned}
\text { 6. } \sin \theta & =.873 \\
\theta & =\sin -1(.873) \\
& =\arcsin ^{(.873)}
\end{aligned}
$$

$$
60.809^{\circ}
$$

$$
\begin{aligned}
& \text { 7. sect }=1.689 \\
& \theta=\operatorname{arcsec}(1.689) \Rightarrow \theta=\cos ^{-1}\left(\frac{1}{1.689}\right)= \\
& \text { (inverse } \rightarrow \text { insi.6side }
\end{aligned}
$$

