

## Triangle Toolkit

## p. 16-17



# fold along the solid line first, 

 make a good crease, then cut along the dotted line.tape/glue this on
p.16-17 in your NB


## SOM <br> CAM

## When can this tool be used?

 to find angles and/or sides in right triangles$$
\sin \theta=\frac{0}{H}
$$

Example and diagram:
SOM $\sin \theta=\frac{\text { opposite }}{\text { hypotenuse }}$
CAM $\cos \theta=\frac{\text { adjacent }}{\text { hypotenuse }}$
TWA $\tan \theta=\frac{\text { opposite }}{\text { adjacent }}$


$$
\begin{aligned}
& \text { use the inverse to } \\
& \text { find the angle. }
\end{aligned}
$$



## Sum of interior angles of a triangle

## $180^{\circ}$

$A+B+C=180^{\circ}$





