

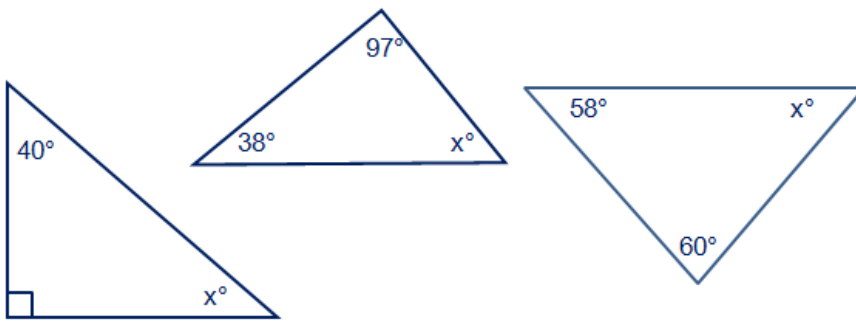
Notes Triangle Sum Theorem

Name: _____ Date: _____ Period: _____

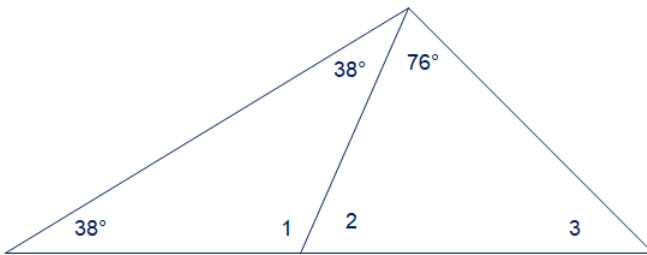
Learning Target: _____

Triangle Sum Theorem

The Triangle Sum theorem states _____



Example 1:

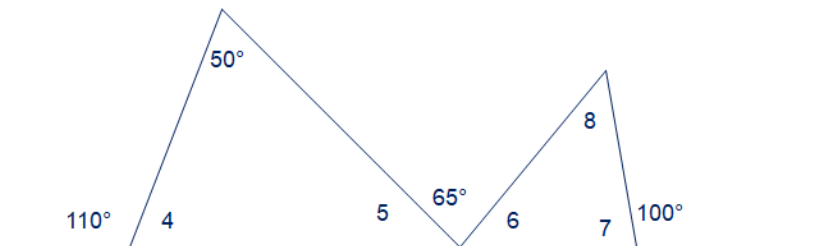


$\angle 1 =$ _____

$\angle 2 =$ _____

$\angle 3 =$ _____

Example 2:



$\angle 4 =$ _____

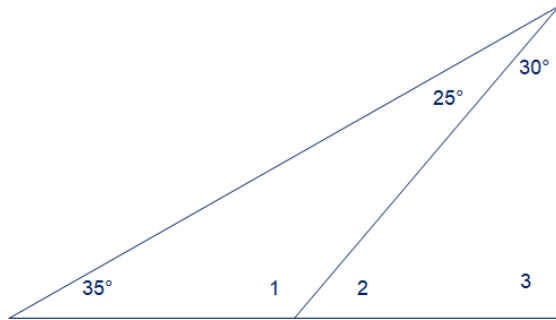
$\angle 5 =$ _____

$\angle 6 =$ _____

$\angle 7 =$ _____

$\angle 8 =$ _____

Show me you can do it

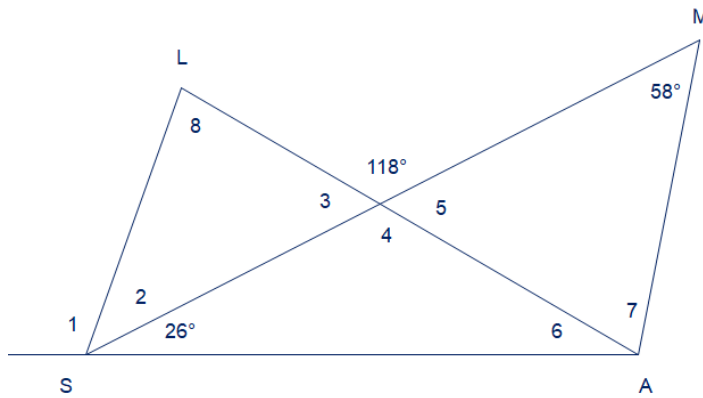


$\angle 1 =$ _____

$\angle 2 =$ _____

$\angle 3 =$ _____

Example 4: Find the missing angles if LS and MA are parallel



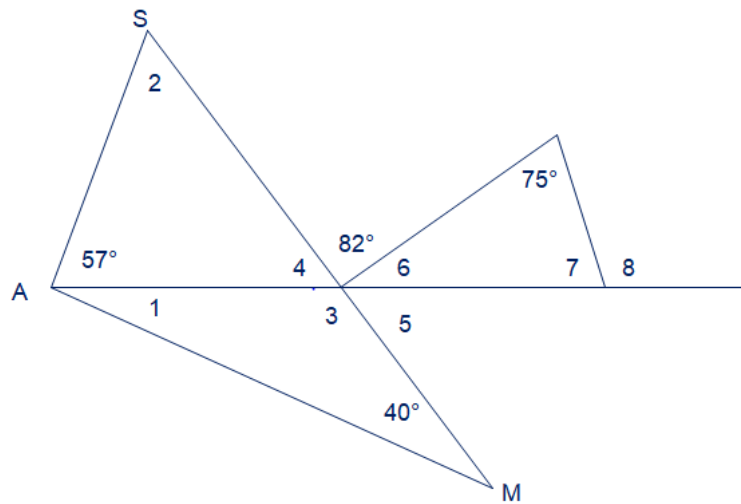
$\angle 1 =$ _____ $\angle 2 =$ _____

$\angle 3 =$ _____ $\angle 4 =$ _____

$\angle 5 =$ _____ $\angle 6 =$ _____

$\angle 7 =$ _____ $\angle 8 =$ _____

Example 5: Find the missing angles if $\angle SAM$ is a right triangle



$\angle 1 =$ _____ $\angle 2 =$ _____

$\angle 3 =$ _____ $\angle 4 =$ _____

$\angle 5 =$ _____ $\angle 6 =$ _____

$\angle 7 =$ _____ $\angle 8 =$ _____