

Angle-Angle Similarity Theorem

Name: _____

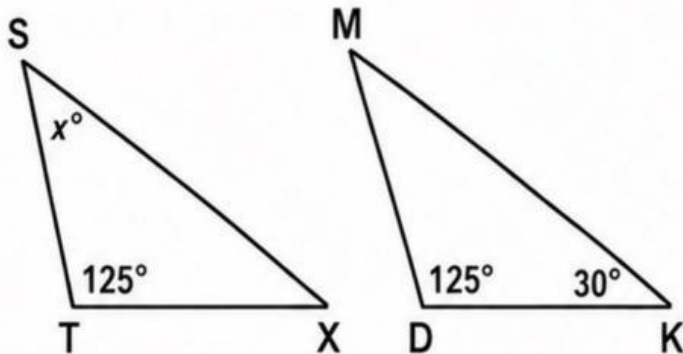
Date: _____

Determine whether the triangles are similar.

If two angles of one triangle are congruent to two angles of another triangle, then the two triangles are similar.

Angle-Angle Similarity Postulate

1. Is $\triangle STX \sim \triangle MDK$

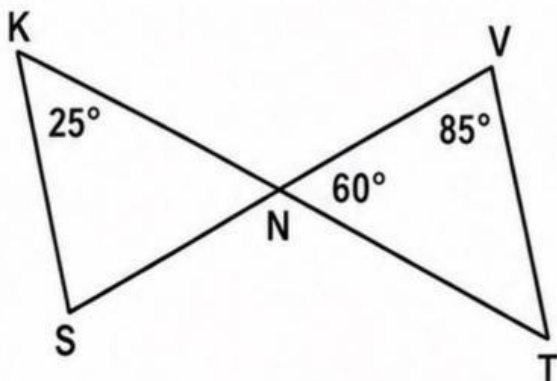


$$m\angle X = \underline{\hspace{2cm}}$$

$$m\angle M = \underline{\hspace{2cm}}$$

$\triangle STX$ is _____ to $\triangle MDK$

2. Is $\triangle KSN \sim \triangle VTN$

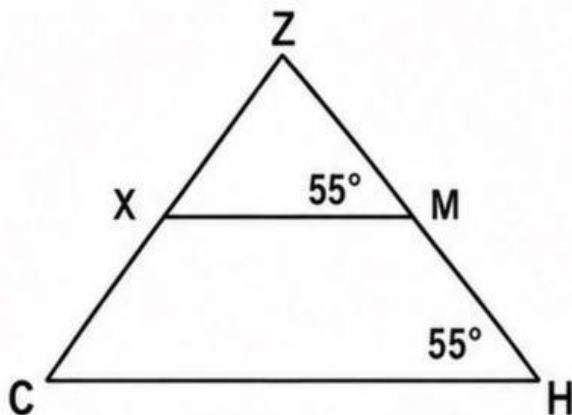


$$m\angle S = \underline{\hspace{2cm}}$$

$$m\angle T = \underline{\hspace{2cm}}$$

$\triangle KSN$ is _____ to $\triangle VTN$

3. Is $\triangle ZMX \sim \triangle ZHC$



Assume $\overline{XM} \parallel \overline{CH}$

$\triangle ZMX$ is _____ to $\triangle ZHC$