

Geometry

8.3 Proving Triangle Similarity by SSS and SAS

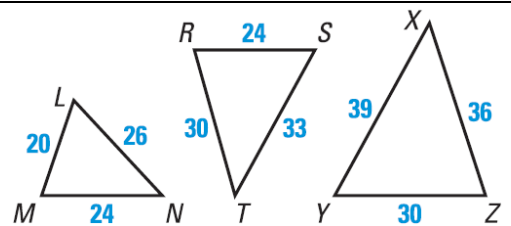
SSS Similarity

If the _____ of the corresponding _____ of two triangles are _____, then the triangles are _____.

SAS Similarity

If the _____ of two _____ of a triangle are _____ to the measures of two corresponding _____ of another triangle and the _____ angles are _____, then the triangles are _____.

Which of the three triangles are similar?



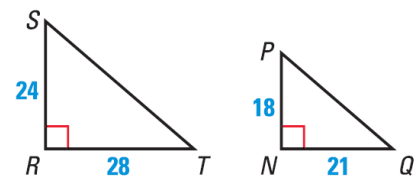
Explain how to show that the indicated triangles are similar.

$\triangle SRT \sim \triangle PNQ$

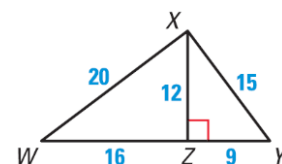
$\triangle XZW \sim \triangle YZX$

Explain how to show that the indicated triangles are similar.

$\triangle SRT \sim \triangle PNQ$



$\triangle XZW \sim \triangle YZX$



Geometry 8.3

Assignment: 425 #2, 4, 6, 8, 9, 10, 11, 12, 14, 16, 17, 20, 24, 25, 32, 33, 35, 38, 41, 42 = 20 total

Name: _____