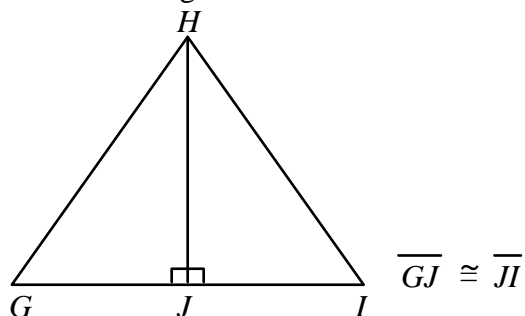


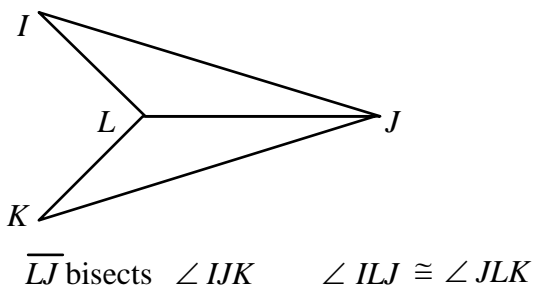
P.I. G.G.28: Determine the congruence of two triangles by using one of the five congruence techniques (SSS, SAS, ASA, AAS, HL), given sufficient information about the sides and/or angles of two congruent triangles

1. Refer to the figure below. Which of the following statements is true?



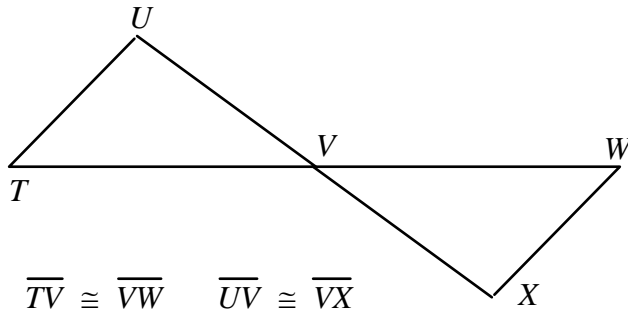
- [A] $\triangle GIJ \cong \triangle JHG$ by SSS
 [B] $\triangle GHJ \cong \triangle IHJ$ by SAS
 [C] $\triangle GJH \cong \triangle IJH$ by ASA
 [D] $\triangle GJH \cong \triangle IJH$ by SSS

2. Refer to the figure below. Which of the following statements is true?



- [A] $\triangle IJL \cong \triangle KJL$ by SAS
 [B] $\triangle IKL \cong \triangle LJI$ by SSS
 [C] $\triangle ILJ \cong \triangle KLJ$ by ASA
 [D] $\triangle ILJ \cong \triangle KLJ$ by SSS

3. Refer to the figure shown. Which of the following statements is true?



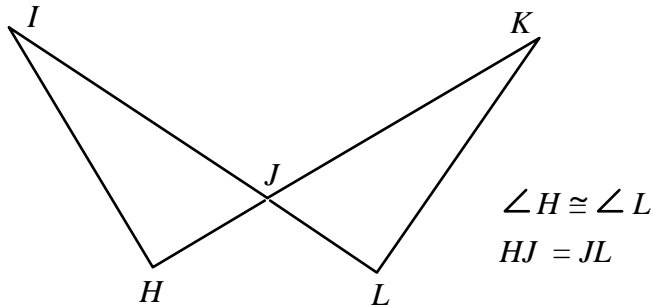
[A] $\triangle TUV \cong \triangle WXV$ by SAS.

[B] $\triangle TUV \cong \triangle XWV$ by ASA.

[C] $\triangle TUV \cong \triangle VWX$ by SAS.

[D] $\triangle TUV \cong \triangle WXV$ by ASA.

4. Refer to the figure shown. Which of the following statements is true?



[A] $\triangle HIJ \cong \triangle LKJ$ by ASA.

[B] $\triangle HIJ \cong \triangle JKL$ by SAS.

[C] $\triangle HIJ \cong \triangle KJL$ by SAS.

[D] $\triangle HIJ \cong \triangle KJL$ by ASA.

Geometry Practice: G.G.28 #1

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[1] B

[2] C

[3] A

[4] A