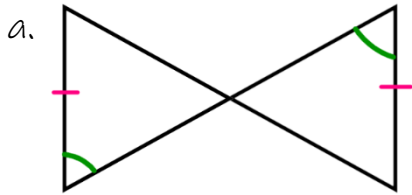
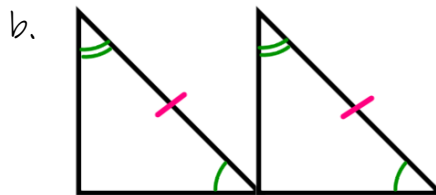
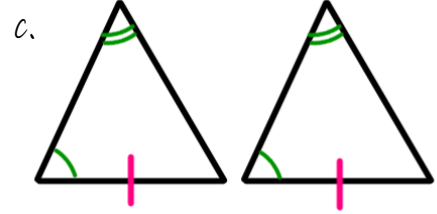


ASA, AAS, and HL Congruence Practice

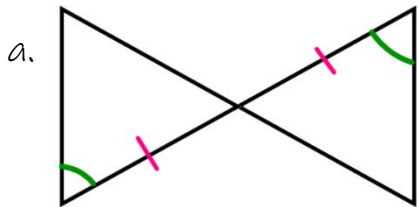
1. Determine which of the following is NOT an example of AAS congruence, then state which type of congruence it is.

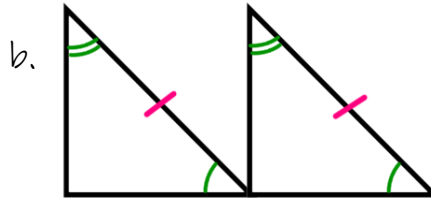


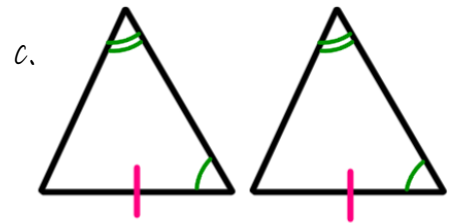




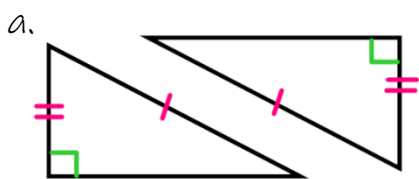
2. Determine which of the following is NOT an example of ASA Congruence, then state which type it is.

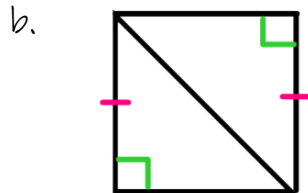


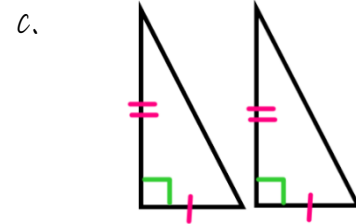




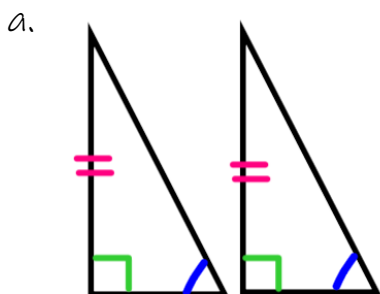
3. Determine which of the following is NOT an example of HL, then state which type it is.

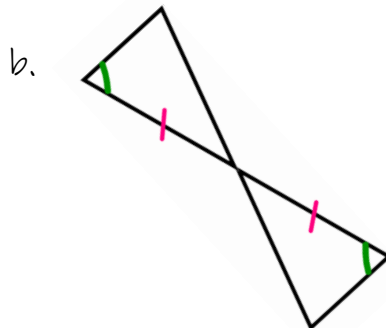


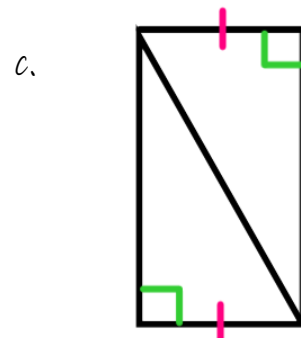




4. Match each triangle to the correct postulate/theorem. There will be one of each of the following: ASA, AAS, HL.

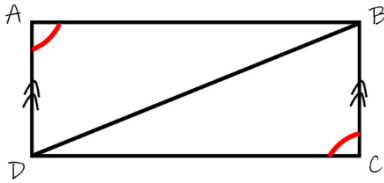






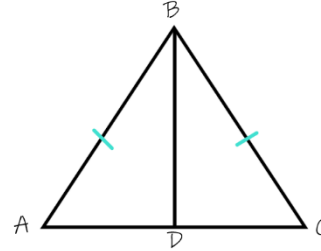
5. Given the information, determine which postulate you can use to prove the triangles congruent.

a. $\overline{AD} \parallel \overline{BC}$



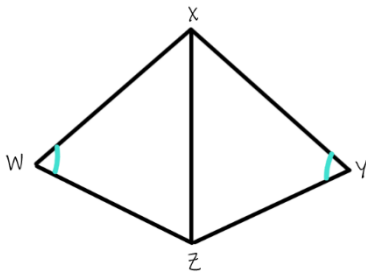
$\triangle ABD \cong \triangle$ _____ by _____

b. $\overline{BD} \perp \overline{AC}$; D is the midpoint of \overline{AC}



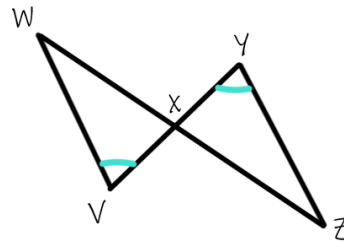
$\triangle ADB \cong \triangle$ _____ by _____

c. \overline{XZ} is bisecting $\angle WXY$



$\triangle WXZ \cong \triangle$ _____ by _____

d. X is the midpoint of \overline{WV}



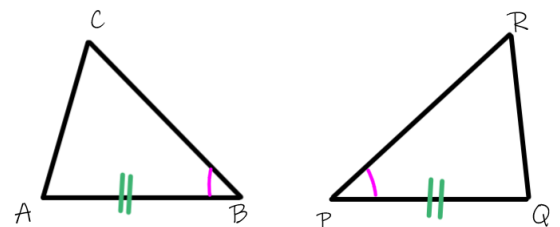
$\triangle WXZ \cong \triangle$ _____ by _____

Challenge Section, TEST PREP:

5. What **additional** information is needed to prove....

a. $\triangle ABC \cong \triangle QPR$ by **ASA**?

If _____ is congruent to _____ then that would meet the criteria for ASA.



b. $\triangle ABC \cong \triangle QPR$ **AAS**?

If _____ is congruent to _____ then that would meet the criteria for AAS.

