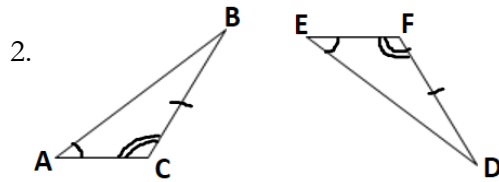**Homework:** _____

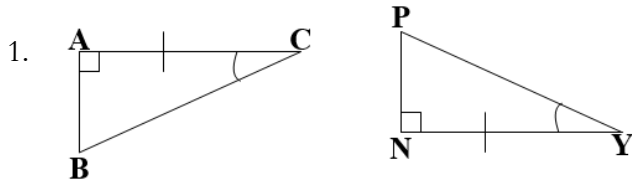**Learning Targets:**

5f. Understanding of when triangles are congruent through SSS, SAS, ASA, AAS, and HL.

Vocabulary:

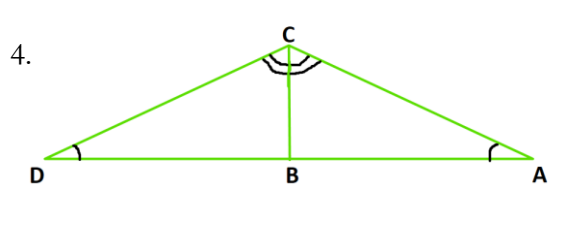Angle-Side-Angle   Angle-Angle-Side
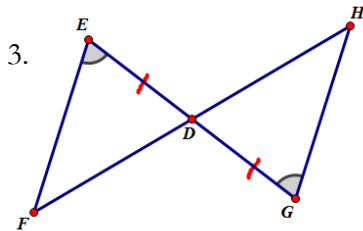
Write a congruency statement for pair of congruent angles.

1.

Δ_____ ≅ Δ_____ by _____

2.

Δ_____ ≅ Δ_____ by _____

3.

Δ_____ ≅ Δ_____ by _____

4.

Δ_____ ≅ Δ_____ by _____

Determine the missing piece needed to prove ΔABC ≅ ΔXYZ by the given reason.

3. $\angle B \cong \angle Y, \overline{BC} \cong \overline{YZ}$ by AAS

4. $\angle A \cong \angle X, \overline{AC} \cong \overline{XZ}$ by ASA