

SECTION 5.3 & 5.5: PROVING TRIANGLES ARE CONGRUENT SSS, SAS

Homework: _____

Learning Targets:

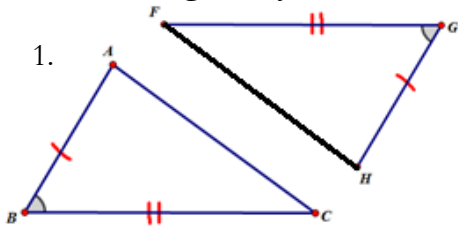
5f. Understanding of when triangles are congruent through SSS, SAS, ASA, AAS, and HL.

Vocabulary:

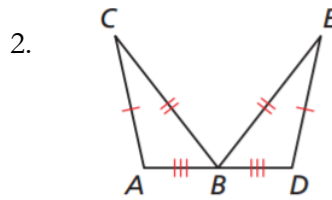
Side-Angle-Side

Side-Side-Side

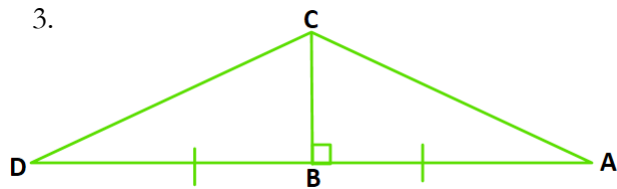
Write a congruency statement for pair of congruent angles.



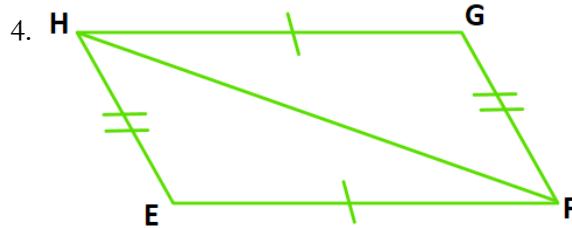
Δ _____ \cong Δ _____ by _____



Δ _____ \cong Δ _____ by _____



Δ _____ \cong Δ _____ by _____



Δ _____ \cong Δ _____ by _____

Determine the included angle needed to prove $\Delta CDE \cong \Delta FGH$ by SAS.

3. $\overline{CD} \cong \overline{FG}$ and $\overline{CE} \cong \overline{FH}$

4. $\overline{DE} \cong \overline{HG}$ and $\overline{EC} \cong \overline{FH}$