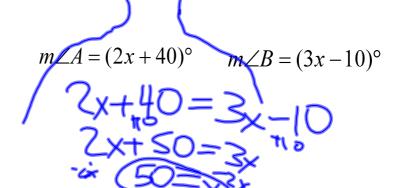
Warm Up

Suppose that $\Delta XYZ \cong \Delta RST$

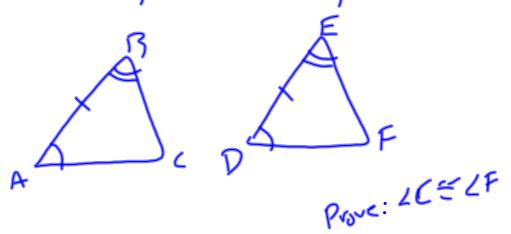
- 1. $\overline{XY} \cong ?$
- 2. $\angle Z \cong ? \angle \top$
- 3. $\angle S \cong ? \angle Y$
- 4. If $\angle A \cong \angle B$

Find *x*



4-6 Using Congruent Triangles

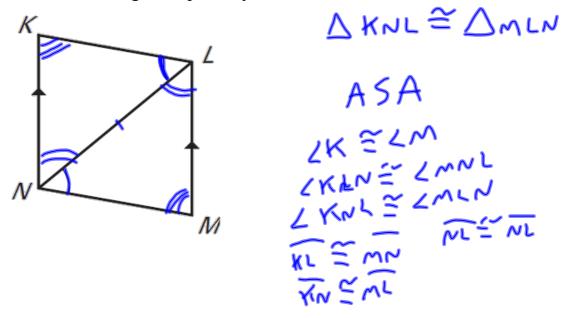
CPCTC - Corresponding Parts of Congruent Triangles are Congruent



Ex. 1 Tell which triangles are congruent.

Give the postulate or theorem you would use to show they are congruent.

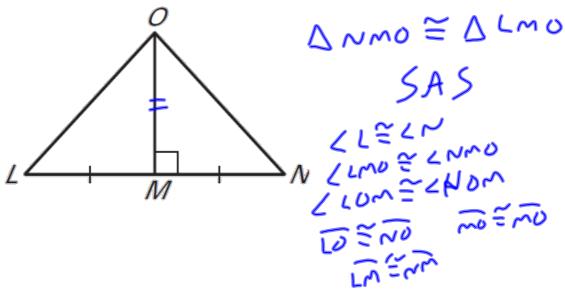
List all congruent parts by CPCTC.



Ex. 2 Tell which triangles are congruent.

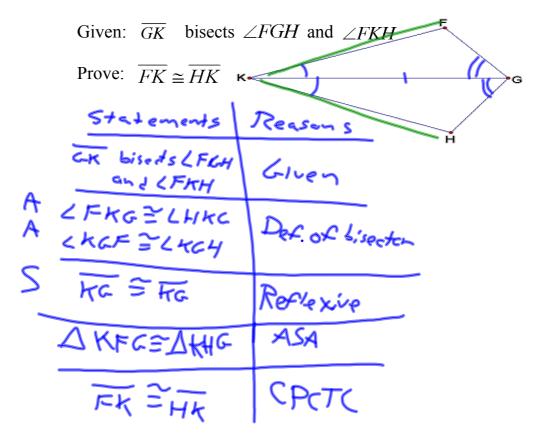
Give the postulate or theorem you would use to show they are congruent.

List all congruent parts by CPCTC.

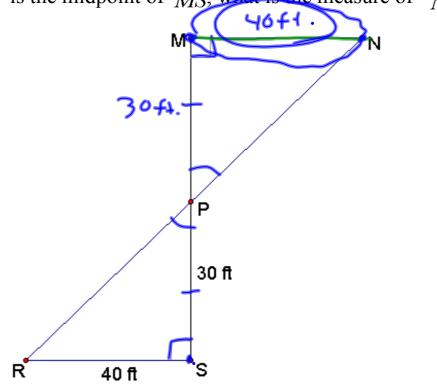


4-6 Notes.notebook

Ex 3 Write a two column proof.



Ex 4 If P is the midpoint of \overline{MS} , what is the measure of \overline{MN}



Ex 5 Write a proof.

Given: $\angle 1 \cong \angle 2$ $\angle 3 \cong \angle 4$

Prove: $\Delta MNR \cong \Delta QPR$