

## Homework: Congruent Triangles Construction

On your own paper, a triangle and label it  $\triangle ABC$ .

1. Use the SSS Postulate to construct  $\triangle XYZ \cong \triangle ABC$ .
2. Use the SAS Postulate to construct  $\triangle LMN \cong \triangle ABC$ .
3. Use the ASA Postulate to construct  $\triangle GHI \cong \triangle ABC$

On your own paper, a triangle and label it  $\triangle DEF$ .

4. Use the SSS Postulate to construct  $\triangle QRS \cong \triangle DEF$ .
5. Use the SAS Postulate to construct  $\triangle UVW \cong \triangle DEF$ .
6. Use the ASA Postulate to construct  $\triangle OPT \cong \triangle DEF$