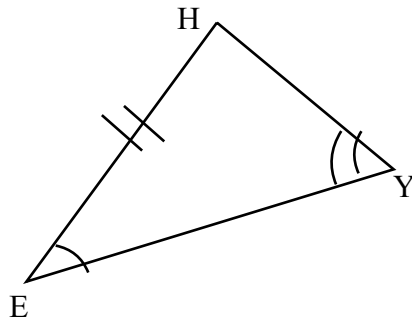
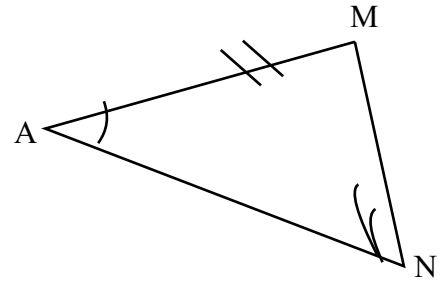


#1: $\triangle HEY$ is congruent to $\triangle MAN$ by _____.

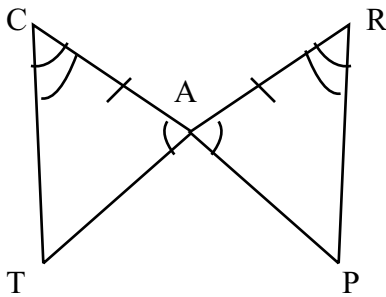
What **other** parts of the triangles are congruent by **CPCTC**?



_____ \cong _____
 _____ \cong _____
 _____ \cong _____



#2:



$\triangle CAT \cong$ _____, by _____

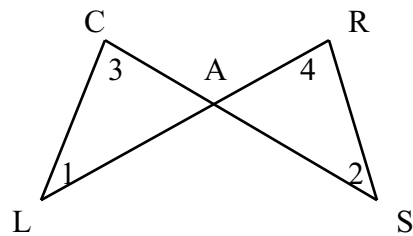
THEREFORE:

_____ \cong _____, by CPCTC
 _____ \cong _____, by CPCTC
 _____ \cong _____, by CPCTC

#3:

Given: $\overline{AC} \cong \overline{AR}$ and $\angle 1 \cong \angle 2$

Prove: $\angle 3 \cong \angle 4$



Proof:

1. $\overline{AC} \cong \overline{AR}$
2. _____
3. $\angle CAL \cong \angle RAS$
4. $\triangle LCA \cong \triangle SRA$

5. $\angle 3 \cong \angle 4$
1. _____
2. Given
3. _____

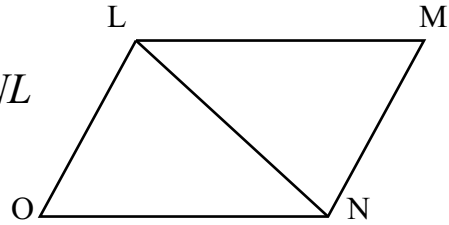
4. _____

#4:

Given: $\angle NLM \cong \angle LNO$ and $\angle OLN \cong \angle MNL$

Prove: $\angle M \cong \angle O$

5. _____



Proof:

1. $\angle NLM \cong \angle LNO$

2. _____

3. _____

4. $\triangle LMN \cong \triangle$ _____

5. _____

1. _____

2. Given

3. Reflexive Property of \cong

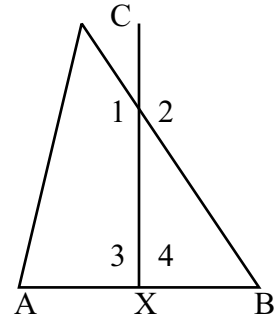
4. _____

5. _____

#5

Given: $\overline{AC} \cong \overline{BC}$ and $\overline{AX} \cong \overline{BX}$

Prove: $\angle 1 \cong \angle 2$



Proof:

1. _____

2. _____

3. $\triangle AXC \cong$ _____

4. _____

1. Given

2. Reflexive Prop. of Congruence

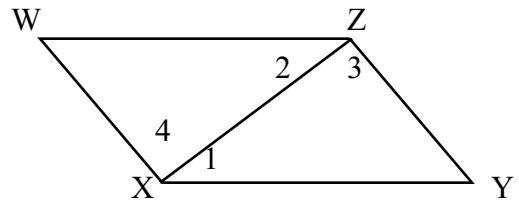
3. _____

4. _____

#6

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

Prove: $\overline{XY} \cong \overline{ZW}$



Proof:

1. _____
2. $\overline{XZ} \cong \overline{XZ}$
3. $\triangle XWZ \cong$ _____
4. _____

1. *Given*
2. _____
3. _____
4. _____