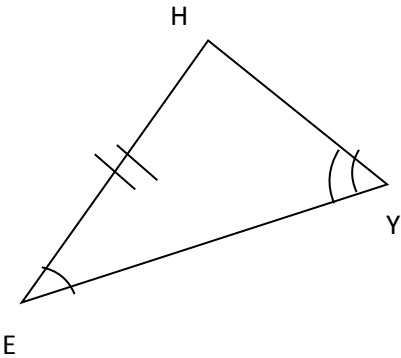


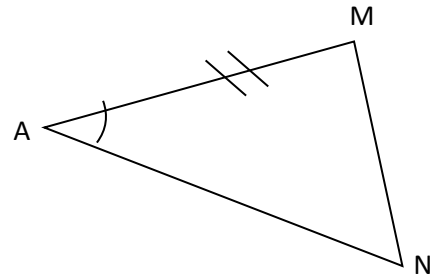
CPCTC Exit Quiz

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

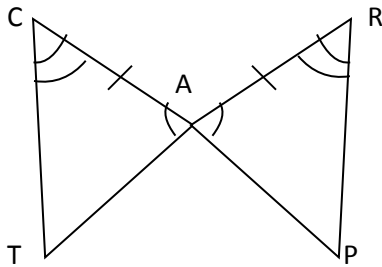
What **other** parts of the triangles are congruent **by CPCTC**?



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



2.



$\triangle CAT \cong$ _____, by _____

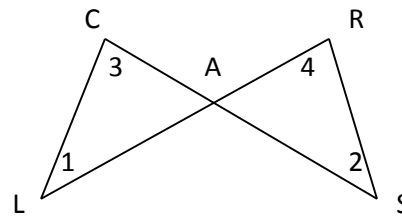
THEREFORE:

_____ \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. $\triangle LCA \cong \triangle RSA$
5. $\angle 3 \cong \angle 4$

1. _____
2. Given
3. _____
4. _____
5. _____

CPCTC Exit Quiz

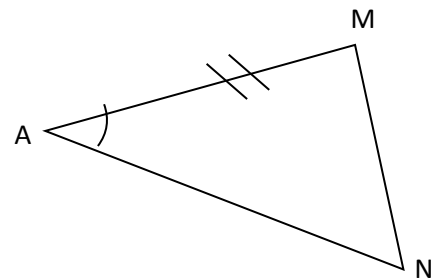
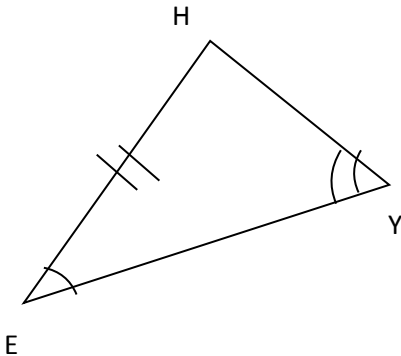
1. $\triangle HEY$ is congruent to $\triangle MAN$ by _____.

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

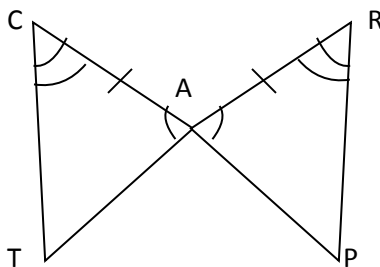
$$\angle E \cong \angle A$$

$$EH \cong AM$$

$$\angle Y \cong \angle N$$



2.



$$\triangle CAT \cong \triangle RAP, \text{ by ASA}$$

THEREFORE:

$$\angle C \cong \angle R, \text{ by CPCTC}$$

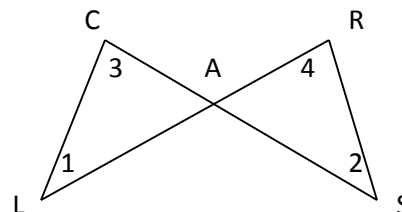
$$CA \cong RA, \text{ by CPCTC}$$

$$A \cong A, \text{ by CPCTC}$$

3.

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

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



Proof:

$$1. \overline{AC} \cong \overline{AR}$$

$$2. \angle 1 \cong \angle 2$$

$$3. \angle CAL \cong \angle RAS$$

$$4. \triangle LCA \cong \triangle SRA$$

$$5. \angle 3 \cong \angle 4$$

$$1. \text{ Given}$$

$$2. \text{ Given}$$

$$3. \text{ Vertical Angles}$$

$$4. \text{ AAS}$$

$$5. \text{ CPCTC}$$

Name: _____ Period: _____ Date: _____

CPCTC Exit Quiz