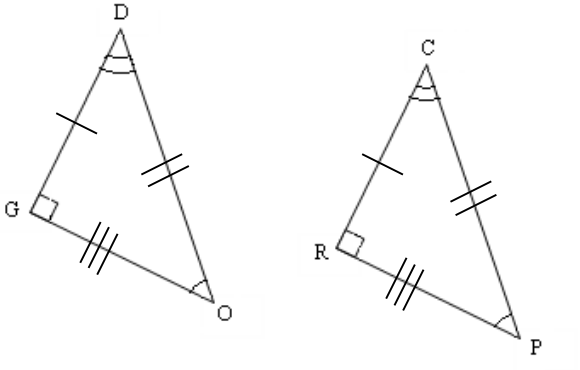
Name:_____Teacher:_____ Date:_____

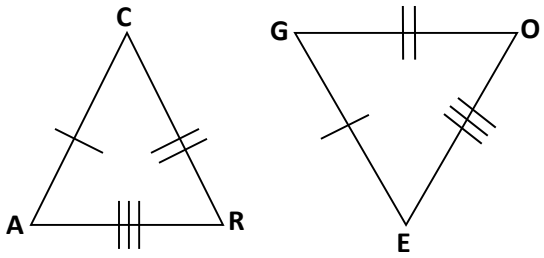
Triangle Congruence Using SSS and SAS: Bell Work

I. Name the congruent triangles.

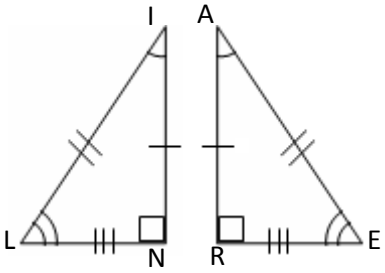
1. $\triangle OGD \cong \triangle$ _____



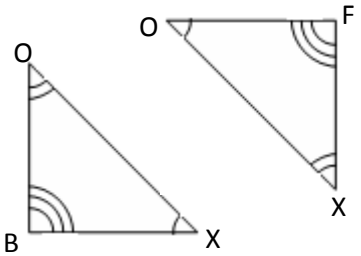
2. $\triangle RAC \cong \triangle$ _____



3. $\triangle LIN \cong \triangle$ _____

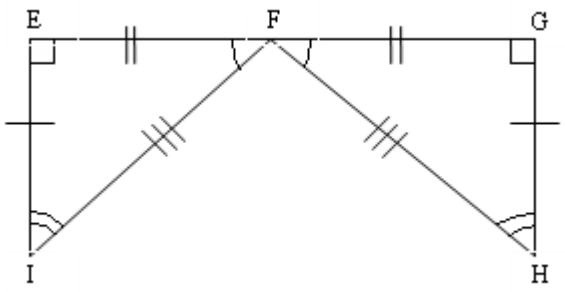


4. $\triangle FOX \cong \triangle$ _____



II. Name the congruent triangle and the congruent parts..

7.



$\triangle FGH \cong \triangle$ _____

$\angle EFI \cong \angle$ _____ $\overline{FG} \cong$ _____

$\angle G \cong \angle$ _____ $\overline{GH} \cong$ _____

$\angle H \cong \angle$ _____ $\overline{FH} \cong$ _____

Use the congruency statement to fill in the corresponding congruent parts.

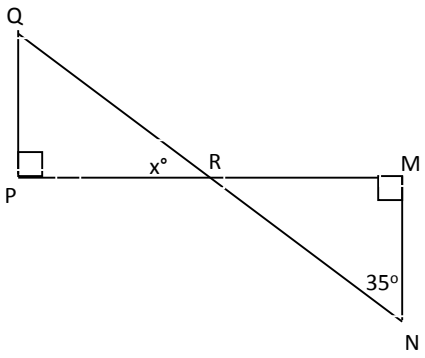
8. $\triangle EFI \cong \triangle HGI$ $\angle E \cong \angle$ _____ $\overline{FE} \cong$ _____ $\angle EFI \cong \angle$ _____

$\overline{FI} \cong$ _____ $\angle FIE \cong \angle$ _____ $\overline{IE} \cong$ _____

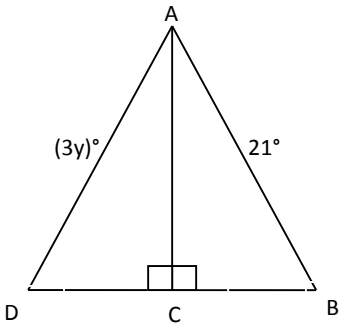
Name:_____Teacher:_____ Date:_____

Triangle Congruence Using SSS and SAS: Bell Work

9. $\triangle PQR \cong \triangle MNR$. Find x.



10. $\triangle ABC \cong \triangle ADC$. Find y.



Proving Triangles Congruent

Given: $\angle P$ and $\angle M$ are right angles.
R is the midpoint of $\overline{PM}$.
$\overline{PQ} \cong \overline{MN}, \overline{QR} \cong \overline{NR}$

Prove: $\triangle PQR \cong \triangle MNR$