

Congruence and Triangles

Name: _____
Per.: _____

1. Given $\triangle ABE \cong \triangle OUY$. Name the corresponding part for each of the following:

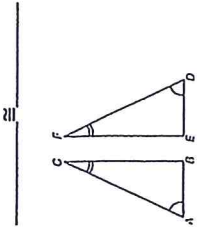
- a. $\angle E \cong$ _____
- b. $\angle O \cong$ _____
- c. $\overline{OY} \cong$ _____
- d. $\overline{EI} \cong$ _____

2. Given $\triangle DEF \cong \triangle RST$. Name the corresponding part for each of the following:

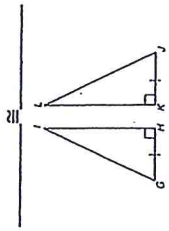
- a. $\angle F \cong$ _____
- b. $\angle S \cong$ _____
- c. $\overline{DE} \cong$ _____
- d. $\overline{TR} \cong$ _____

For questions 9 -13, what additional, corresponding parts are needed to prove the triangles congruent by the indicated method?

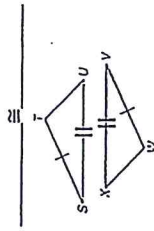
9. $\triangle ABC \cong \triangle DEF$ by AAS



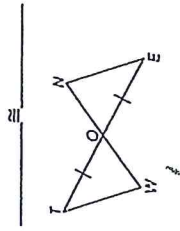
11. $\triangle GHI \cong \triangle JKL$ by SAS



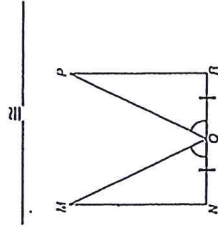
12. $\triangle STU \cong \triangle VWX$ by SSS



13. $\triangle ONE \cong \triangle TEN$ by ASA



10. $\triangle MNO \cong \triangle PRO$ by SAS



Congruence and Triangles

Name: _____
Per.: _____

1. Given $\triangle ABE \cong \triangle OUY$. Name the corresponding part for each of the following:

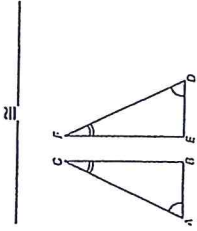
- a. $\angle E \cong$ _____
- b. $\angle O \cong$ _____
- c. $\overline{OY} \cong$ _____
- d. $\overline{EI} \cong$ _____

2. Given $\triangle DEF \cong \triangle RST$. Name the corresponding part for each of the following:

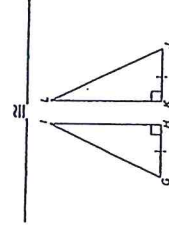
- a. $\angle F \cong$ _____
- b. $\angle S \cong$ _____
- c. $\overline{DE} \cong$ _____
- d. $\overline{TR} \cong$ _____

For questions 9 -13, what additional, corresponding parts are needed to prove the triangles congruent by the indicated method?

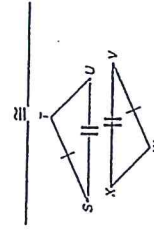
9. $\triangle ABC \cong \triangle DEF$ by AAS



11. $\triangle GHI \cong \triangle JKL$ by SAS



12. $\triangle STU \cong \triangle VWX$ by SSS



13. $\triangle ONE \cong \triangle TEN$ by ASA

