

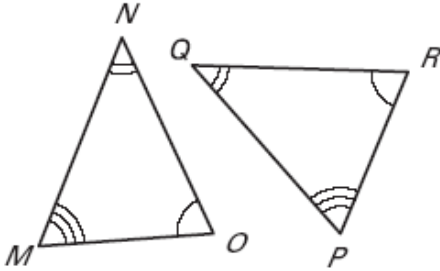
Name _____

Date _____

ASSIGNMENT 30 LESSON 4.4

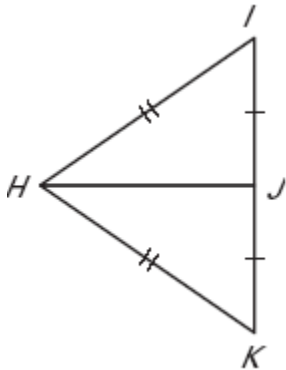
Tell whether the angles or sides are *corresponding angles, corresponding sides, or neither*.

1. $\angle N$ and $\angle P$
2. $\angle M$ and $\angle P$
3. \overline{OM} and \overline{RP}
4. \overline{NO} and \overline{QP}

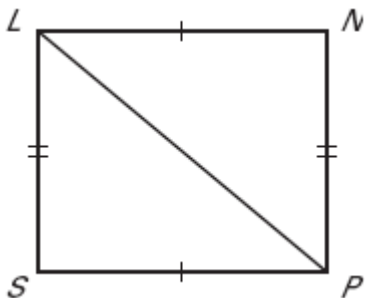


Decide whether the congruence statement is true. Explain your reasoning.

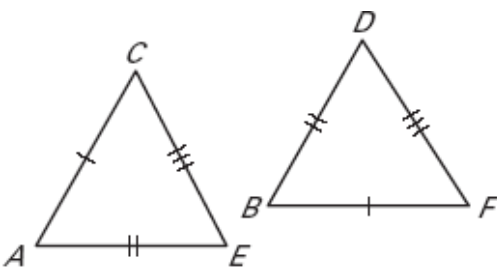
5. $\triangle IHJ \cong \triangle JHK$



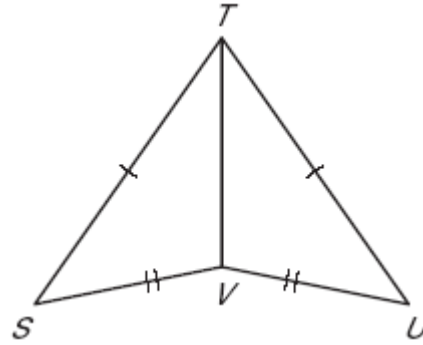
6. $\triangle LPS \cong \triangle PLN$



7. $\triangle ACE \cong \triangle BDF$

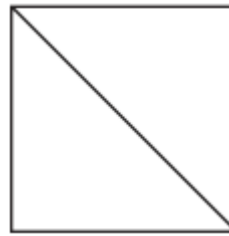


8. $\triangle STV \cong \triangle UTV$



Decide whether the figure is stable. Explain your reasoning.

- 9.



- 10.

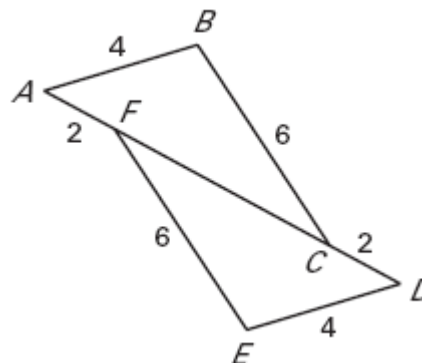


Use the given coordinates to determine if $\triangle ABC \cong \triangle DEF$.

11. $A(1, 1), B(2, 0), C(1, -1), D(3, 1), E(4, 0), F(3, -1)$
12. $A(1, 2), B(4, 1), C(3, 4), D(5, 2), E(8, 1), F(6, 4)$

Determine whether $\triangle ABC \cong \triangle DFF$. Explain your reasoning.

- 13.



- 14.

