Name _____ Date _____

Student score: How well do you feel you understand this learning target:
A
B
C
D
F

LESSON 4.4

Practice A

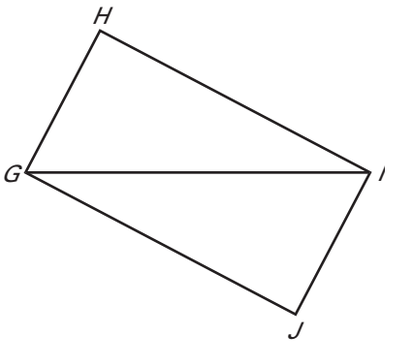
For use with pages 240–247

If you turn this in on time: do the odds.
If you turn this in late or you are doing it over: do the evens.

Teacher Score:

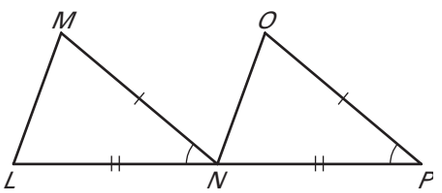
Use the diagram to name the included angle between the given pair of sides.

1. $\overline{GH}$ and $\overline{HI}$
2. $\overline{HI}$ and $\overline{IG}$
3. $\overline{IG}$ and $\overline{HG}$
4. $\overline{GI}$ and $\overline{IJ}$
5. $\overline{JG}$ and $\overline{IG}$
6. $\overline{IJ}$ and $\overline{GJ}$

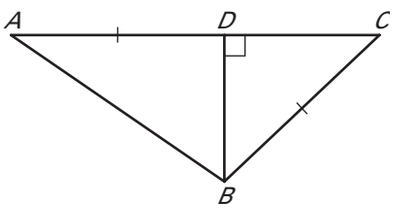


Decide whether enough information is given to prove that the triangles are congruent using the SAS Congruence Postulate.

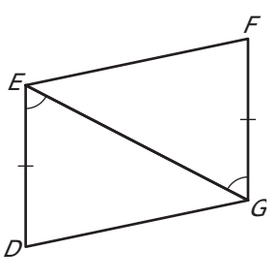
7. $\triangle LMN$, $\triangle NOP$



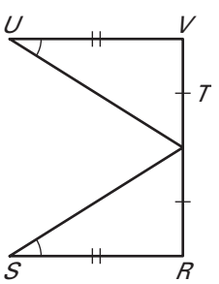
8. $\triangle ABD$, $\triangle CBD$



9. $\triangle DEG$, $\triangle FGE$



10. $\triangle RST$, $\triangle VUT$



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Name _____ Date _____

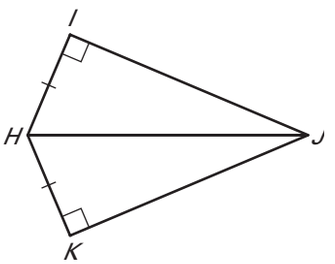
LESSON 4.4

Practice A *continued*

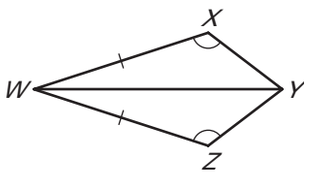
For use with pages 240–247

Decide whether enough information is given to prove that the triangles are congruent using the HL Congruence Theorem.

11. $\triangle HIJ$, $\triangle HKJ$



12. $\triangle WXY$, $\triangle WZY$



State the third congruence that must be given to prove that $\triangle ABC \cong \triangle DEF$ using the indicated postulate or theorem.

13. **GIVEN:** $\geq B \cong \geq E$, $\overline{BC} \cong \overline{EF}$, __?__ $\cong$ __?__

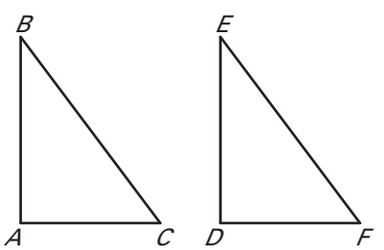
Use the SAS Congruence Postulate.

14. **GIVEN:** $\overline{AB} \cong \overline{DE}$, $\overline{BC} \cong \overline{EF}$, __?__ $\cong$ __?__

Use the SSS Congruence Postulate.

15. **GIVEN:** $\overline{AC} \cong \overline{DF}$, $\geq A$ is a right angle and $\geq A \cong \geq D$, __?__ $\cong$ __?__

Use the HL Congruence Theorem.



16. **Skateboards** Suppose you have two skateboard ramps. What information do you need to know to prove that the triangular ramps are congruent using SAS? using HL?

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