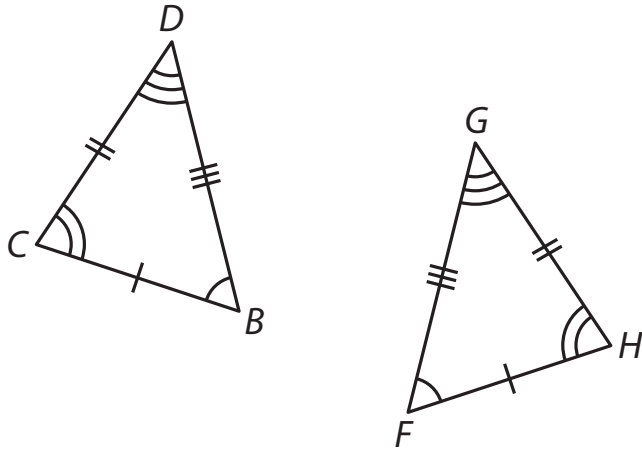


Practice: Triangle Congruency

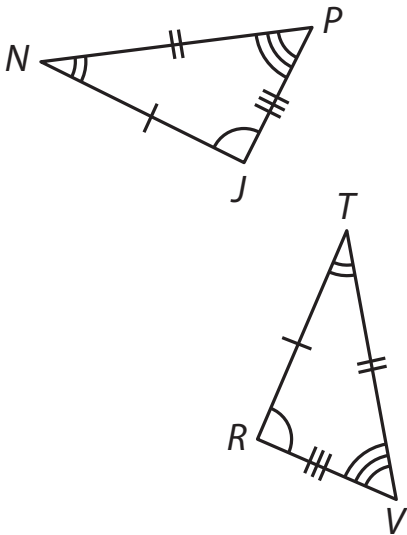
A

Use the diagrams to correctly name each set of congruent triangles according to their corresponding parts.

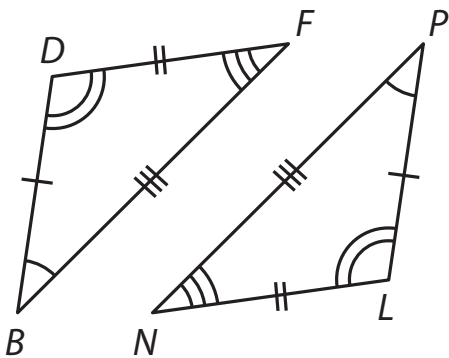
1.



2.



3.



continued

Name: _____

Date: _____

Name the corresponding angles and sides for each pair of congruent triangles.

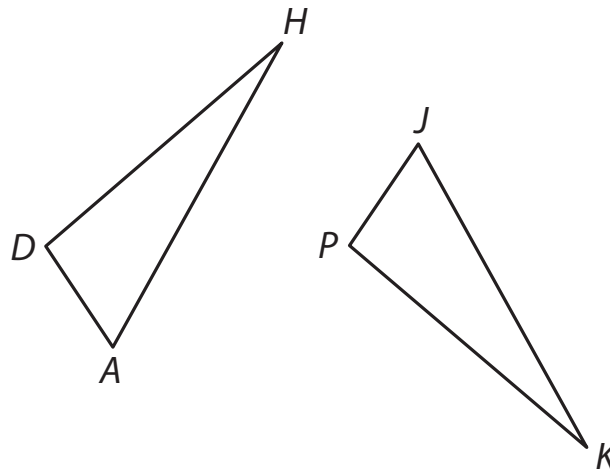
4. $\triangle QRS \cong \triangle WXY$

5. $\triangle AFH \cong \triangle CGJ$

6. $\triangle LPQ \cong \triangle HJK$

Use a ruler and a protractor or construction tools to determine if the triangles are congruent. If they are, name the congruent triangles and their corresponding angles and sides.

7. An architect has two versions of a blueprint. Both blueprints contain a ramp. Are the ramps congruent?

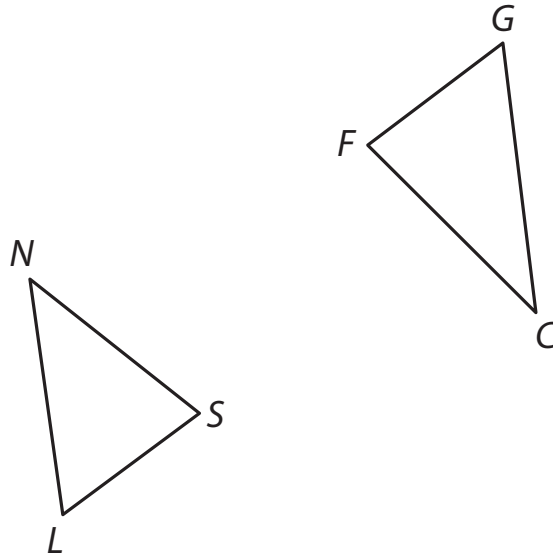


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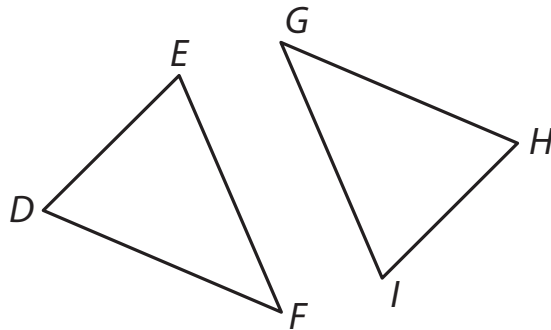
Name: _____

Date: _____

8. A recent delivery to a construction site included several trusses for a new roof structure. Two of the trusses are shown below. Are the trusses congruent?



9. Dave is making a blanket out of his old band shirts and has pre-cut several pieces of fabric. Are the T-shirt pieces congruent?



continued

Name: _____

Date: _____

10. A tile installer wants to replace a broken tile with a scrap piece he has from a recent job. Is the scrap piece of tile congruent to the tile that needs replacement?

