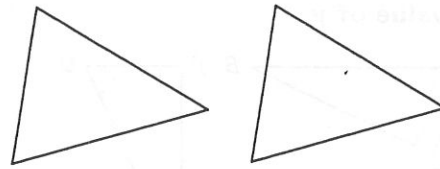


LESSON 4.2

Practice A

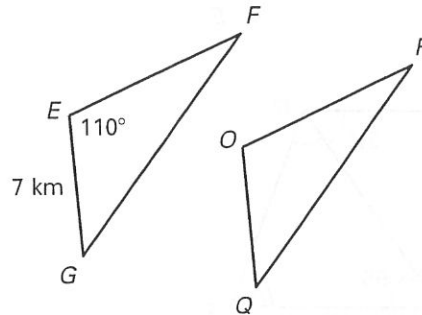
For use with the lesson "Apply Congruence and Triangles"

- Copy the congruent triangles shown at the right. Then label the vertices of your triangles so that $\triangle CPN \cong \triangle BIY$. Identify all pairs of congruent corresponding angles and corresponding sides.

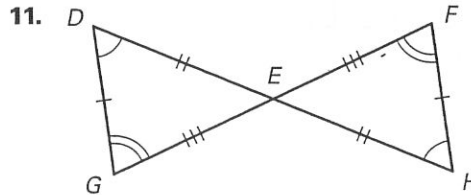
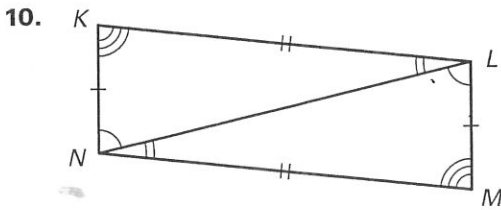
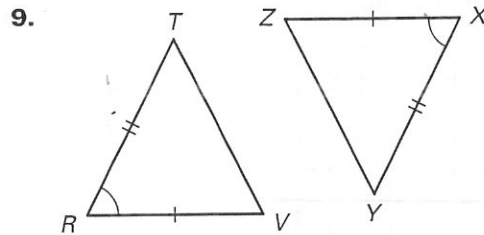
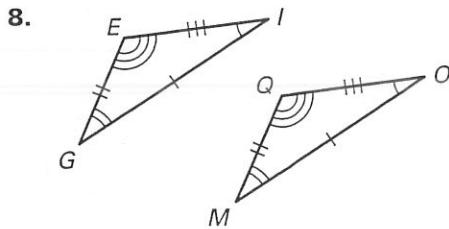


In the diagram, $\triangle EFG \cong \triangle OPQ$. Complete the statement.

- $\overline{EF} \cong ?$
- $\angle P \cong ?$
- $\angle G \cong ?$
- $m\angle O = ?$
- $\overline{OQ} = ?$
- $\triangle GFE \cong ?$



Write a congruence statement for any figures that can be proved congruent. Explain your reasoning.



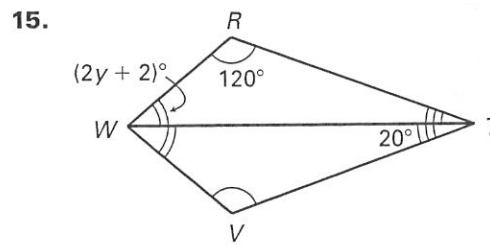
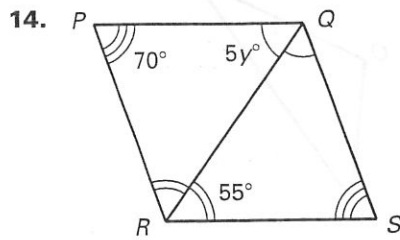
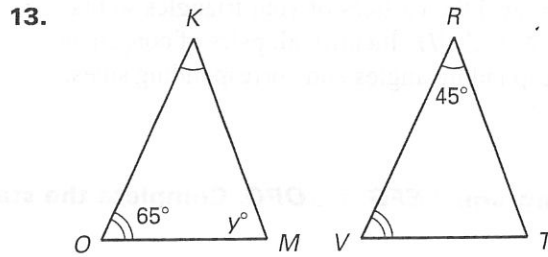
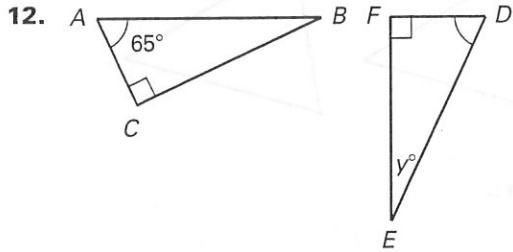
LESSON 4.2

LESSON
4.2

Practice A *continued*

For use with the lesson "Apply Congruence and Triangles"

Find the value of y .



16. Graph the triangle with vertices $D(2, 0)$, $E(2, 4)$, and $F(6, 2)$. Then graph a triangle congruent to $\triangle DEF$.

