

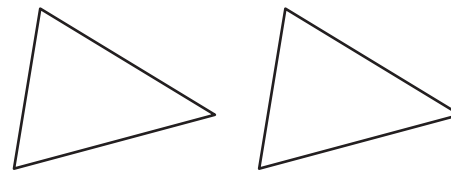
**LESSON 4.2 Practice A**  
For use with pages 225–231

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.

Student score: \_\_\_\_\_  
How well do you feel you understand this learning target: \_\_\_\_\_

A  
B  
C  
D  
E  
F

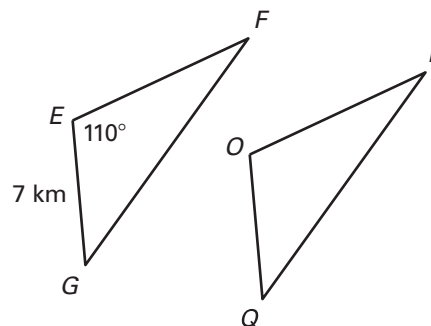
- Copy the congruent triangles shown at the right. Then label the vertices of your triangles so that  $\triangle CPN \cong \triangle BIY$ . Identify all pairs of congruent corresponding angles and corresponding sides.



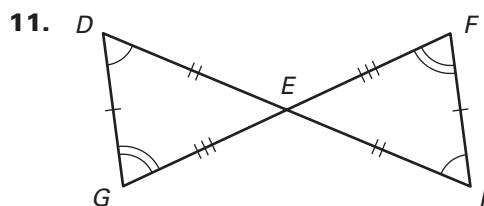
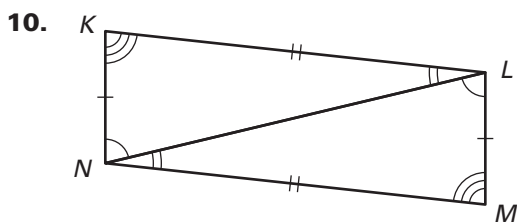
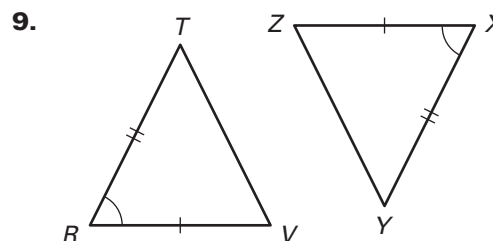
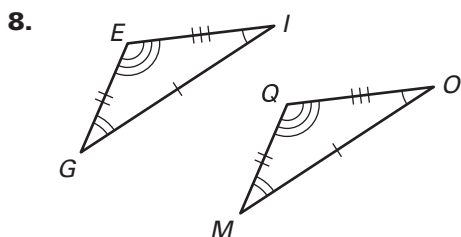
Teacher Score: \_\_\_\_\_

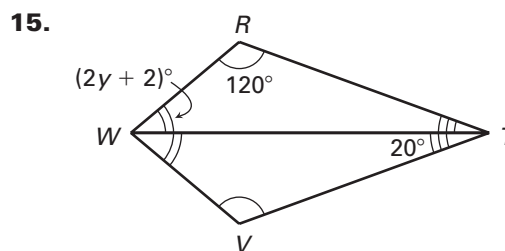
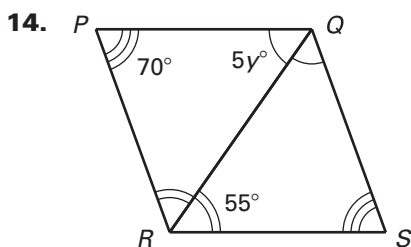
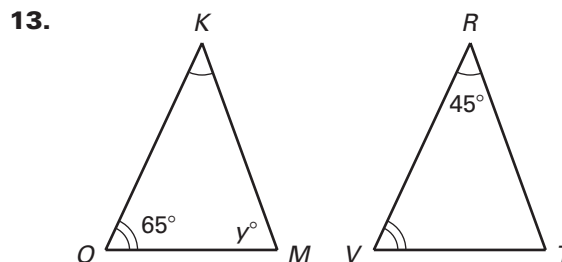
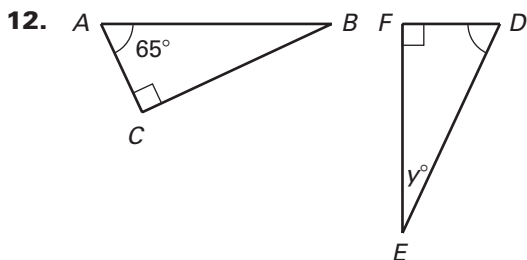
**In the diagram,  $\triangle EFG \cong \triangle OPQ$ . Complete the statement.**

- $\overline{EF} \cong \underline{\hspace{1cm}} ?$
- $\angle P \cong \underline{\hspace{1cm}} ?$
- $\angle G \cong \underline{\hspace{1cm}} ?$
- $m\angle O = \underline{\hspace{1cm}} ?$
- $QO = \underline{\hspace{1cm}} ?$
- $\triangle GFE \cong \underline{\hspace{1cm}} ?$



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



LESSON  
4.2**Practice A** *continued*  
For use with pages 225–231**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  $\triangle DEF$ .

