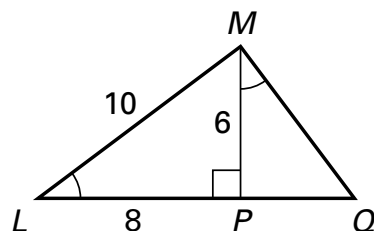


## WARM-UP EXERCISES

For use before Lesson 8.5, pages 488–496

In the figure below, find a pair of similar triangles and use them to complete Exercises 1–3.



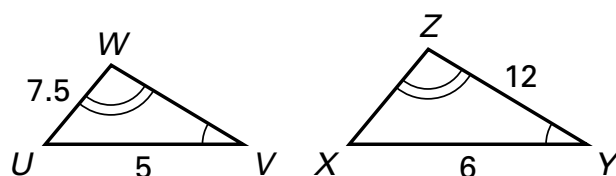
1. Write the statement of similarity for the two triangles.
2. Explain why the two triangles are similar.
3. Find  $MQ$ .

.....

## DAILY HOMEWORK QUIZ

For use after Lesson 8.4, pages 480–487

Use the diagram for Exercises 1–5.



1.  $\triangle UVW \sim \triangle$  \_\_\_\_\_
2. What is the scale factor of  $\triangle UVW$  to  $\triangle XYZ$ ?
3. What is  $VW$ ?
4. What is  $XZ$ ?
5. If  $m\angle U = 50^\circ$  and  $m\angle Y = 30^\circ$ , what is  $m\angle Z$ ?