

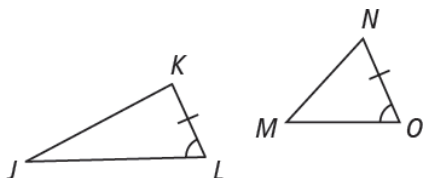


7-3 Additional Practice

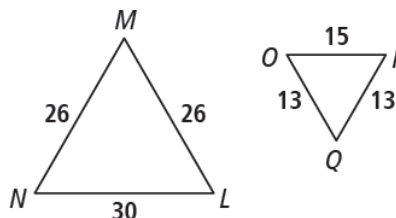
Proving Triangles Similar

For Exercises 1–4, if the two triangles are similar, state why they are similar. If not, state that they are not similar.

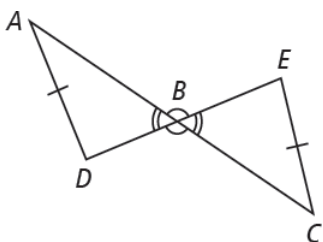
1.



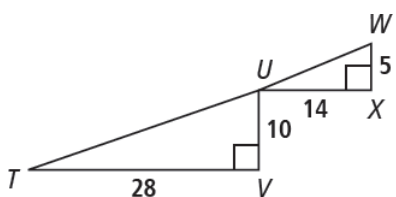
2.



3.



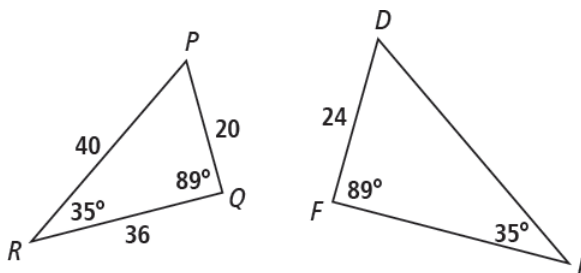
4.



For Exercises 5 and 6, use the triangles shown.

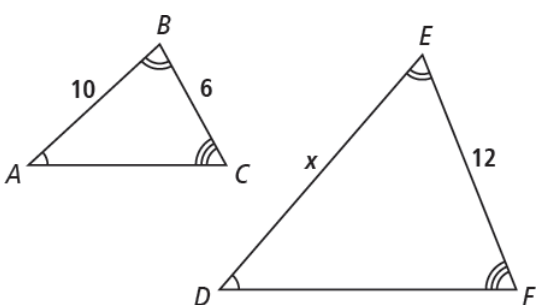
5. What is FE ?

6. What is DE ?

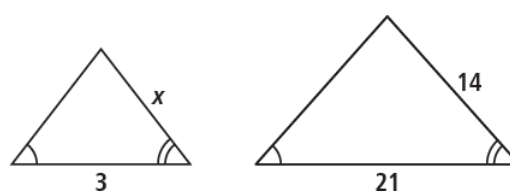


For Exercises 7 and 8, what is the value of x ?

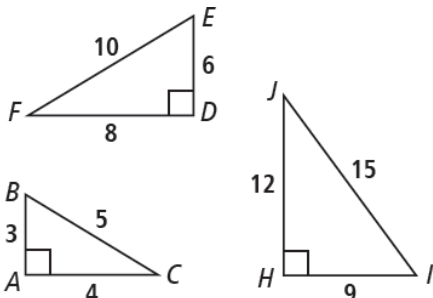
7.



8.



9. Are triangles ABC , DEF , and HIJ similar? Explain.



10. The width of the pond shown is x ft. What is the value of x ?

