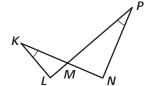
Practice 10-2

Example Exercises

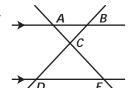
Example 1

Explain why the triangles are similar. Write a similarity statement.

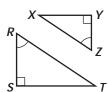
1.



2



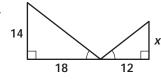
3.



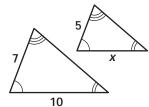
Example 2

Use similar triangles to solve for x.

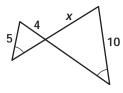
4.



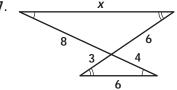
5.



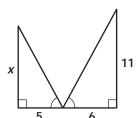
6.



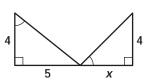
7.



8.



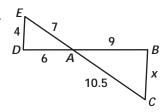
9.



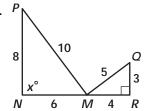
Example 3

Write a similarity statement and explain why the triangles are similar. Then find \boldsymbol{x} .

10.



11.



12.

