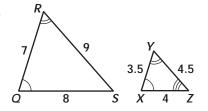
Practice 10-1

Example Exercises

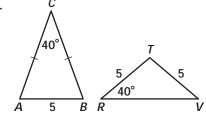
Example 1

Are the polygons similar? If they are, write a similarity statement and give the similarity ratio. If they are not, explain.

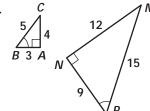
1.



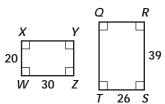
2.



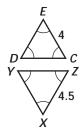
3.



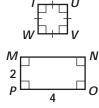
4.



5.



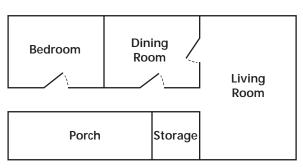
6.



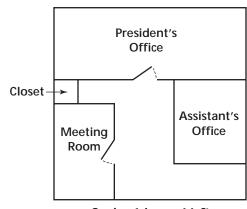
Example 2

Find the actual dimensions of each room.

- **7**. bedroom
- 8. dining room
- 9. living room
- 10. storage
- 11. porch
- 12. president's office
- 13. assistant's office
- 14. meeting room
- 15. closet



Scale: 1 in. = 20 ft



Scale: 1 in. = 16 ft