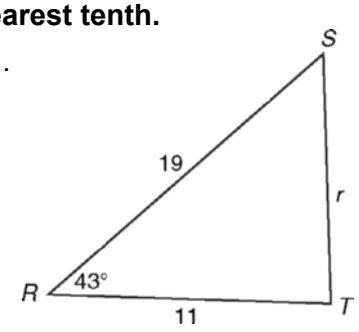
Name _____ Date _____ Class _____

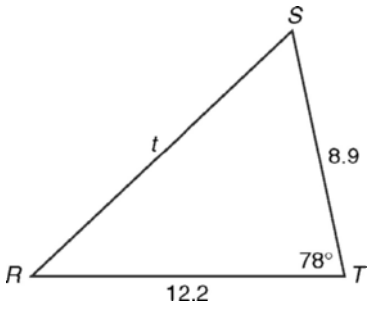
LESSON 10-1-2

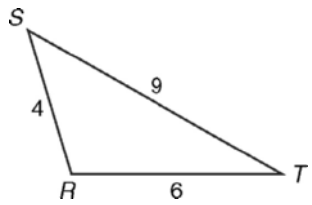
Practice C

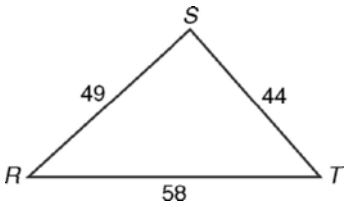
The Law of Cosines

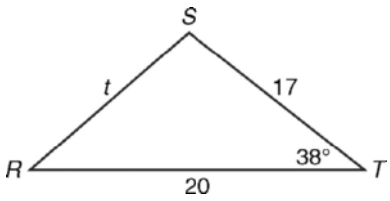
Use the given measurements to solve each triangle. Round to the nearest tenth.

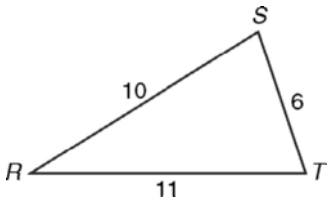
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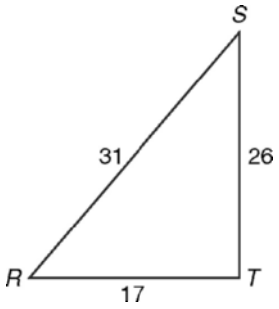
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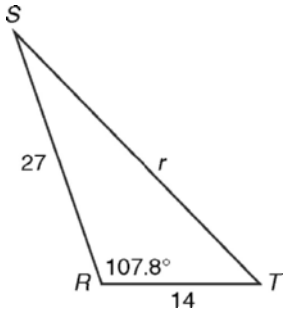
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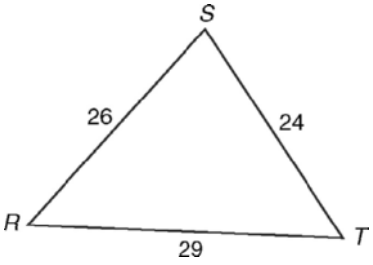
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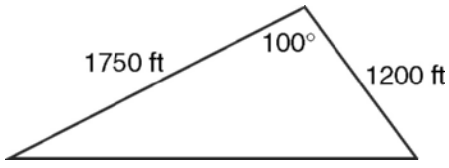
7. 

8. 

9. 

Solve.

10. The rotunda of a shopping mall is in the shape of a triangle. Members of a local scout troop plan to walk around the outer edge of the rotunda 5 times to increase awareness of physical fitness. If they walk at an average speed of 3 miles per hour, how long should it take them to the nearest minute?



11. There is a fountain in a triangular garden in front of City Hall. The lengths of the sides of the triangle are 14 meters, 15 meters, and 21 meters. What is the area of the garden?

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