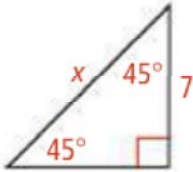
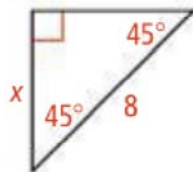


Homework: page 503: 1, 3, 6-12 all

1.



3.

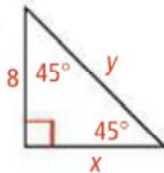


- © 6. **Reasoning** A test question asks you to find two side lengths of a  $45^\circ$ - $45^\circ$ - $90^\circ$  triangle. You know that the length of one leg is 6, but you forgot the special formula for  $45^\circ$ - $45^\circ$ - $90^\circ$  triangles. Explain how you can still determine the other side lengths. What are the other side lengths?

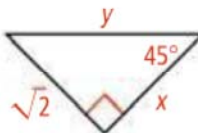
Find the value of each variable. If your answer is not an integer, express it in simplest radical form.

➡ See Problems 1 at

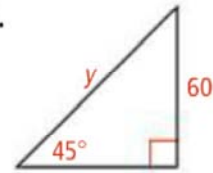
7.



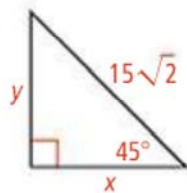
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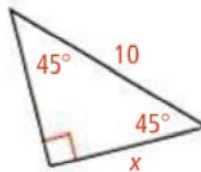
9.



10.



11.



12.

