

Name: _____
 Geometry

Date: _____
 Band: _____

Unit 7: Right Triangles & Trigonometry PBA Practice

The lengths of the sides of a triangle are given. Classify each triangle as *acute*, *right*, or *obtuse*.

1. 4, 5, 6

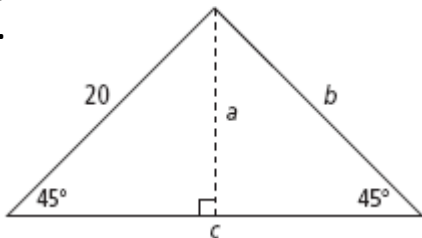
2. 0.3, 0.4, 0.6

3. 11, 12, 15

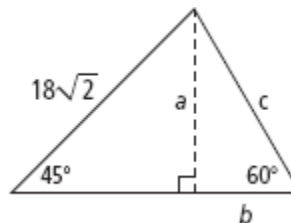
4. $\sqrt{3}$, 2, 3

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

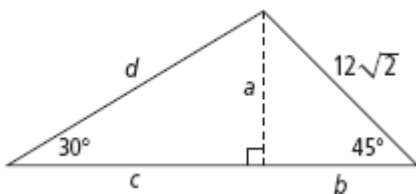
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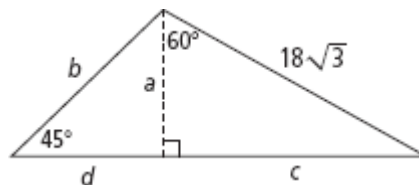
6.



7.



8.

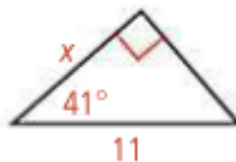


Find the value of x . Round to the nearest tenth for side lengths or degree for angle measures.

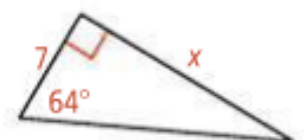
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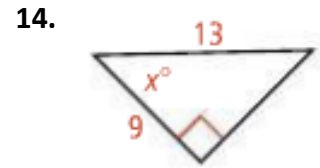
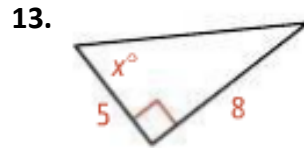
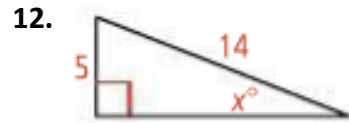


10.

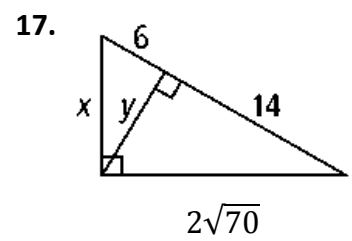
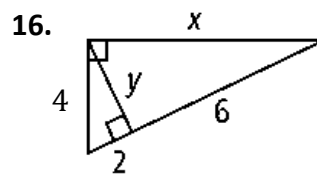
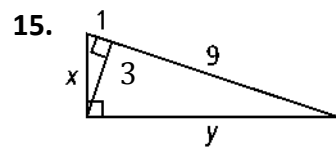


11.





Solve for the value of the variables.



What is the value of x in simplest radical form?

