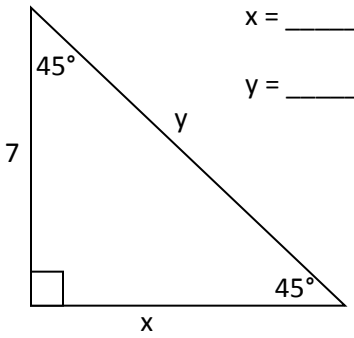
Geometry **Name:** _____

Quiz Review

Special Right Triangles **Date:** _____ **Period:** _____

Find the value of each variable. Write the answers in simplest radical form.

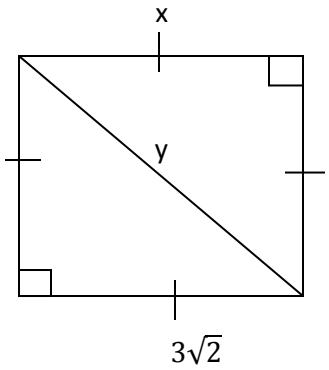
1.



x = _____

y = _____

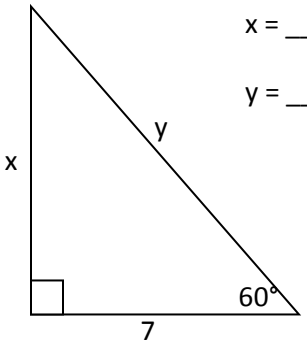
2.



x = _____

y = _____

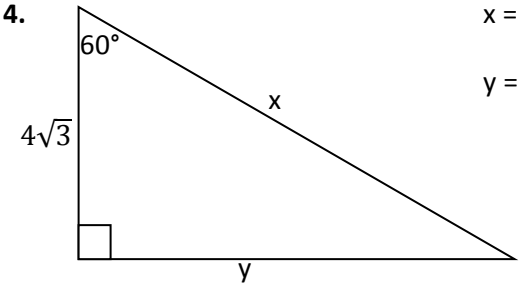
3.



x = _____

y = _____

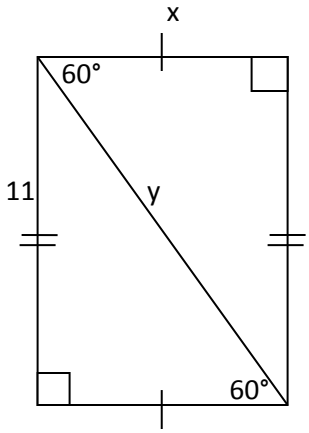
4.



x = _____

y = _____

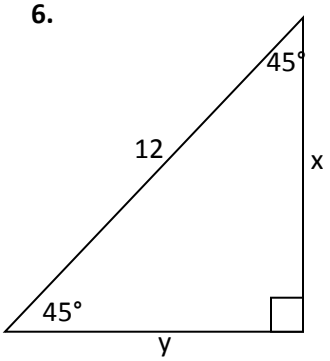
5.



x = _____

y = _____

6.



x = _____

y = _____

Geometry **Name:** _____
Quiz Review
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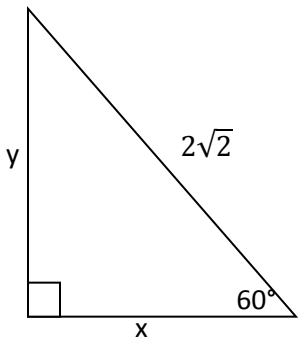
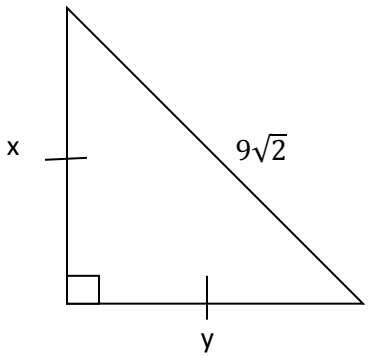
7.



x = _____

y = _____

8.



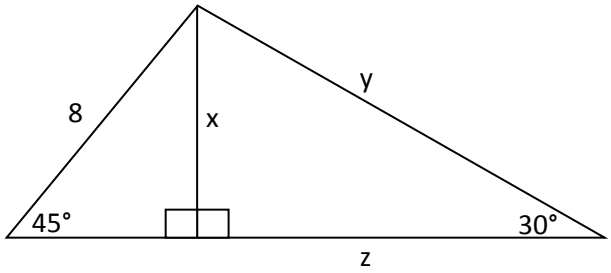
x = _____

y = _____

9. What is the length of the legs of an isosceles triangle whose base angles are 60° and altitude has a length of 15? (Sketch the figure.)

10. The diagonal of a square is $\frac{5\sqrt{2}}{7}$. Find the length of the side.

11. Find the values of x, y, and z.



x = _____

y = _____

z = _____