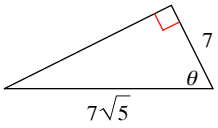
Secondary Math 3 Name_____

9.1 Right Triangle Trig Review

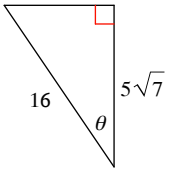
Date_____ Period____

Find the value of the trig function indicated.

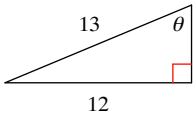
1) tan θ



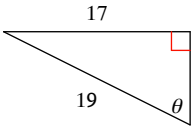
2) cos θ



3) cos θ



4) tan θ



5) Find sin θ if tan $\theta = \frac{3}{4}$

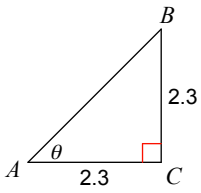
6) Find sin θ if tan $\theta = \frac{4}{3}$

7) Find sin θ if tan $\theta = \frac{3\sqrt{7}}{7}$

8) Find cos θ if sin $\theta = \frac{4}{5}$

Find the measure of each angle indicated. Round to the nearest tenth.

9)



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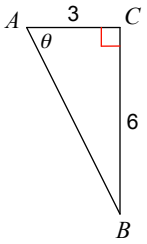

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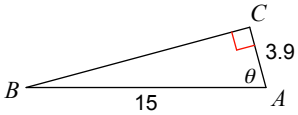

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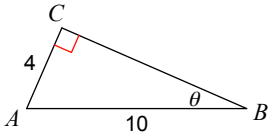
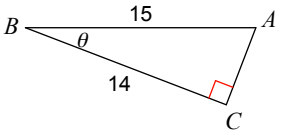
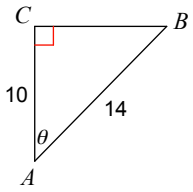
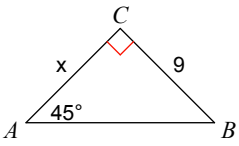
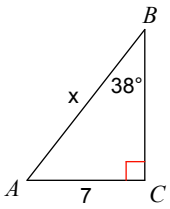


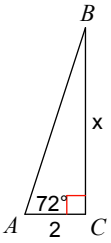
13) 

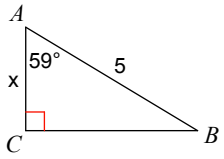
14) 

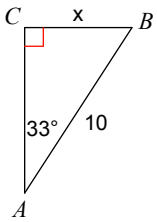
Find the measure of each side indicated. Round to the nearest tenth.

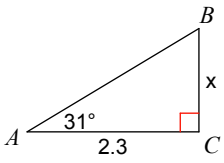
15) 

16) 

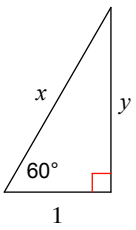
17) 

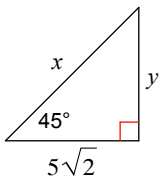
18) 

19) 

20) 

Find the missing side lengths. Leave your answers as radicals in simplest form.

21) 

22) 

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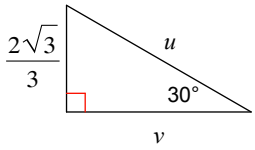

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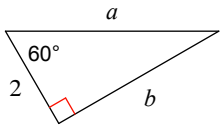

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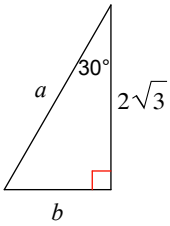

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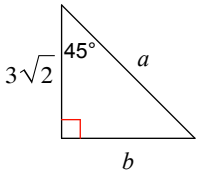

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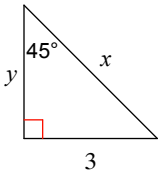
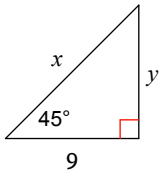
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