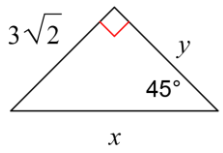
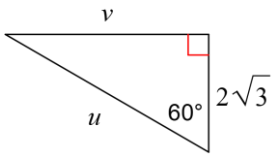
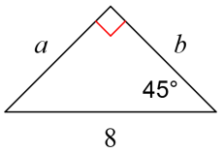
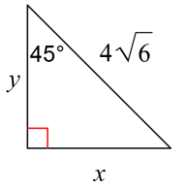
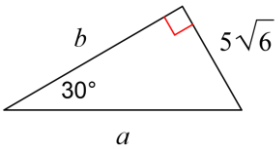
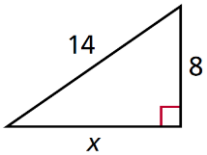
Circuit Training Name: _____

7.REV.1 – RIGHT TRIANGLES REVIEW

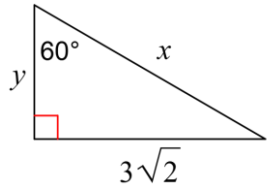
Begin by completing the problem in cell #1. Search for your answer in the remaining cells. Put #2 in the problem blank: #_____. Work that question and proceed in this manner until you complete the circuit.

If applicable, answers should be expressed as a radical in simplest form.

Answer: $2\sqrt{6}$ & $\sqrt{6}$ **# 1** Find the values of the variables. 	**Answer: $6\sqrt{5}$ & $3\sqrt{5}$** #_____ Classify the triangle with sides measuring 19.4, 14.4, 17 as acute, right, or obtuse.
Answer: 4 #_____ Find the values of the variables. 	**Answer: 10 & $4\sqrt{5}$** #_____ Find the values of the variables. 
Answer: $10\sqrt{6}$ #_____ Classify the triangle with sides measuring 2.4, 7.4, 7 as acute, right, or obtuse.	**Answer: $4\sqrt{2}$ & $2\sqrt{6}$** #_____ Find the values of the variables. 
Answer: acute #_____ Find the values of the variables. 	**Answer: 6 & $3\sqrt{2}$** #_____ The longest side of a right triangle is 25. If one of the other sides is 5, what is the length of the missing side?
Answer: $4\sqrt{2}$ & $4\sqrt{2}$ #_____ Classify the triangle with sides measuring 6, 8.2, 10.9 as acute, right, or obtuse.	**Answer: $4\sqrt{3}$ & 6** #_____ Find the value of x. 

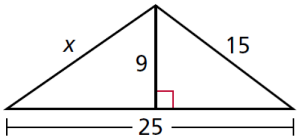
Answer: $4\sqrt{3}$ & $4\sqrt{3}$

#_____ Find the values of the variables.



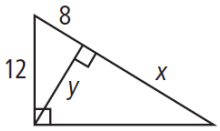
Answer: $4\sqrt{5}$ & $4\sqrt{5}$

#_____ Find the value of x.



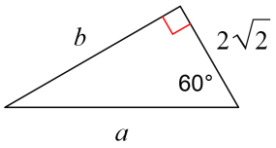
Answer: $2\sqrt{33}$

#_____ Find the values of the variables.



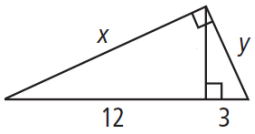
Answer: $4\sqrt{3}$ & $2\sqrt{3}$

#_____ Find the values of the variables.



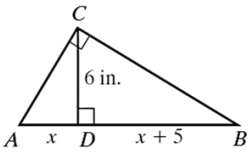
Answer: $5\sqrt{10}$

#_____ Find the values of the variables.



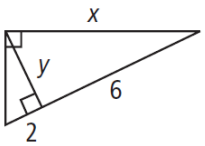
Answer: $10\sqrt{6}$ & $15\sqrt{2}$

#_____ Find the value of x (that makes sense).



Answer: **obtuse**

#_____ Find the values of the variables.



Answer: **right**

#_____ Find the values of the variables.