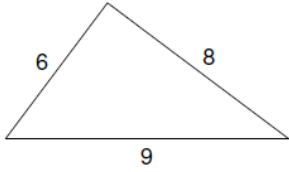


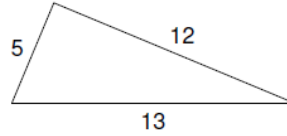
Pythagorean Thm: Examples & Non-Examples

Do the following lengths form a right triangle? Explain why or why not.

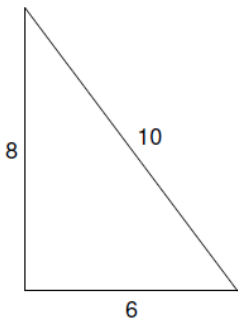
1)



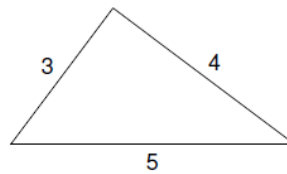
2)



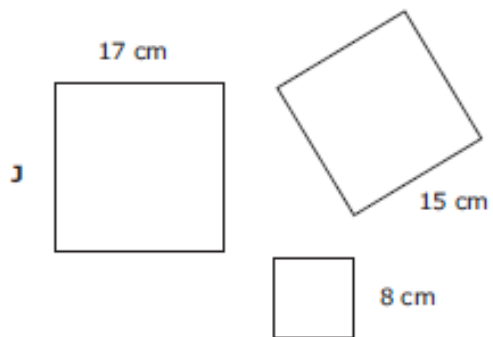
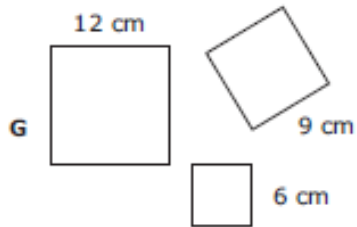
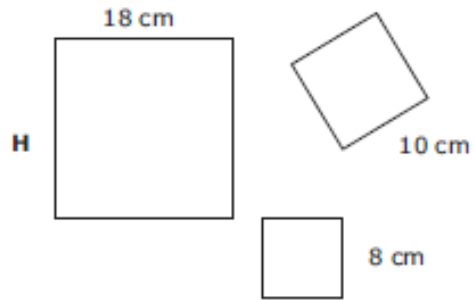
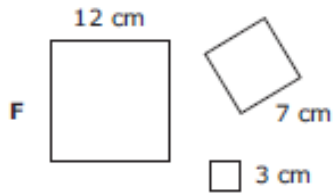
3)



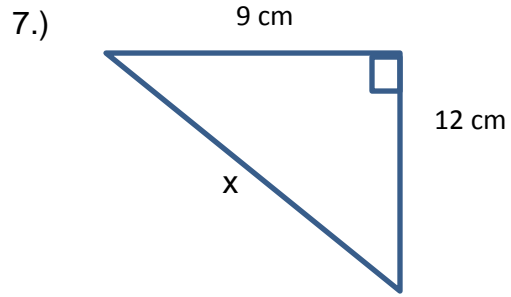
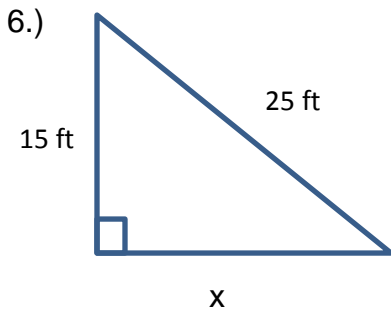
4)



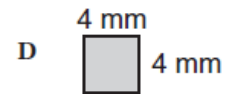
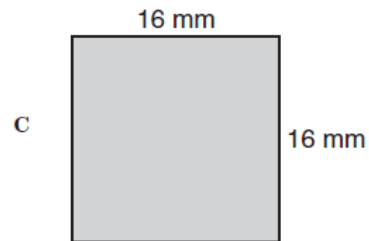
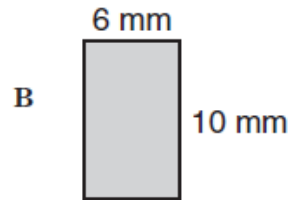
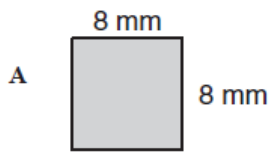
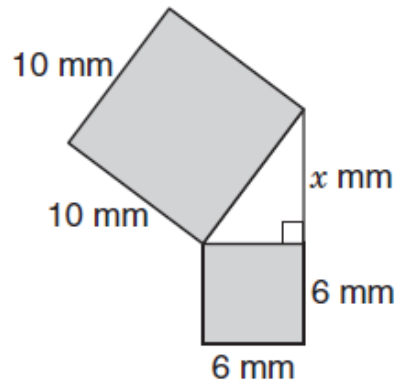
5.) Which group of three squares will form a right triangle when joined at their vertices?



Showing all work, find each missing length.



8.) Which figure can be placed along the segment labeled x millimeters to make the model below a correct representation of the Pythagorean Theorem?



9.) the right triangle below is formed by joining three squares at their vertices. What is the side length of the length of x ?

