

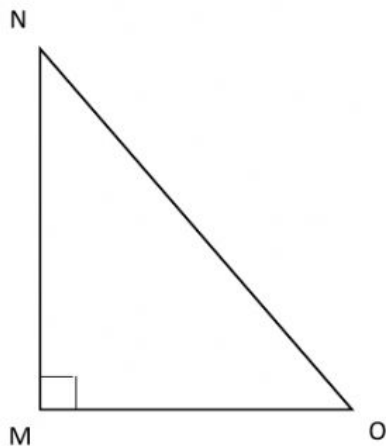
Exercise

Name:- _____

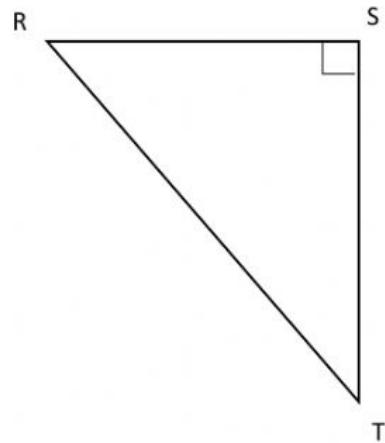
Derive an expression for the Pythagoras theorem from the diagrams given below.

E.g. $x^2 = y^2 + z^2$ or $\overline{AB}^2 = \overline{AC}^2 + \overline{BC}^2$ For the expression of the kind $\overline{AB}^2 = \overline{AC}^2 + \overline{BC}^2$

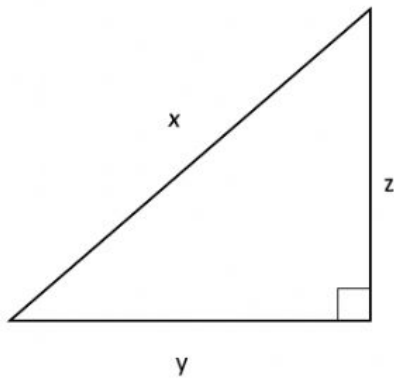
Please write the letters in the order in which they appear in the English alphabet. Note in each double letters \overline{AB}^2 , \overline{BC}^2 , \overline{AC}^2 the letters are in order and in the sum of the double letters $\overline{BC}^2 + \overline{AC}^2$ the first letters of the double letters are in order. Do this in order for the live sheet to mark it correct. If you have the position reversed it will be marked wrong although the answer is right.



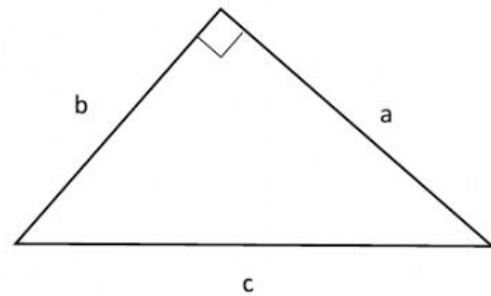
$$\underline{\quad}^2 = \underline{\quad}^2 + \underline{\quad}^2$$



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