

If a and b are the lengths of two legs of a right triangle and c is the length of the hypotenuse, then _____.

- A) $a^2 + c^2 = b^2$
 - B) $b^2 + c^2 = a^2$
 - C) $a^2 + b^2 = c^2$
 - D) $a \cdot b = c$
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If a and b are the lengths of two legs of a right triangle and c is the length of the hypotenuse, then $a^2 + b^2 = c^2$.

Answer **C**.