

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)  $a \cdot b = c$

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**.

gfbj'09'02'07 2006-11-20