Pythagorean Theorem (In Right Triangles)

 $a^2 + b^2 = c^2$

leg + leg = hypotenuse



 $9^2 + 7^2 = C^2$ (hypotenuse) $81 + 49 = C^2$ $130 = C^2 >>>>> *Take Square Root of Both Sides$ $\sqrt{130} = \sqrt{c^2} >>>>> *The square root of <math>c^2$ is c. C (hypotenuse) = 11.4 (rounded to the nearest tenths)

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