NC EMPT'S QUESTION of the week

How long is the hypotenuse c of a right triangle whose leg b measures $4h$ units, and whose leg a measures $2h$ units (h>0)?
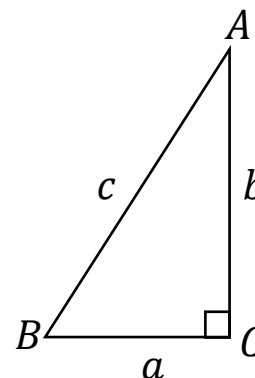
A. $4h\sqrt{5}$

B. $3h\sqrt{5}$

C. $2h\sqrt{5}$

D. $5h\sqrt{2}$

E. $\frac{3h\sqrt{5}}{2}$

Last Week's Answer

A travel agent charges a flat fee of 0.75% on the full price of airline tickets processed for clients. If a ticket from Charlotte to Seattle has a full price of $420, what is the agent's fee?

A. $560.00   B. $315.00   C. $31.50   **D. $3.15**   E. $0.32

Solution:
First, convert 0.75% to the decimal .0075

0.75% of ticket price = agent's fee
.0075(420) = agent's fee
$3.15 = agent's fee

Each week, we'll reveal the answer to the previous week's question!

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