

NC EMPT'S
QUESTION?
of the week

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

Last Week's Answer

Simplify this expression: $5 - 2[-2^2 - (3 \cdot 2^3 - 12 \div \sqrt{9})]$

- A. -72 B. -48 **C. 53** D. 37 E. 21

Solution:

Follow the correct order of operations.

$$\begin{aligned} 5 - 2[-2^2 - (3 \cdot 2^3 - 12 \div \sqrt{9})] &= 5 - 2[-2^2 - (3 \cdot 8 - 12 \div 3)] \\ &= 5 - 2[-2^2 - (24 - 4)] = 5 - 2[-2^2 - 20] \\ &= 5 - 2[-(4) - 20] = 5 - 2[-4 - 20] \\ &= 5 - 2[-24] = 5 + 48 = 53 \end{aligned}$$

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

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