

NC EMPT'S
QUESTION?
of the week

Find the slope of a line that is perpendicular to the line whose equation is $5x + 2y = 8$

- A. $-\frac{5}{2}$ B. $-\frac{1}{5}$ C. $\frac{2}{5}$ D. $\frac{5}{2}$ E. 4

Last Week's Answer

Evaluate and write the answer in scientific notation: $\frac{4.6 \times 10^5}{2.3 \times 10^{-2}}$

- A. 2×10^7 B. 2×10^3 C. 2×10^{-3} D. 2×10^{-7} E. 0.2×10^8

Solution:

$$\frac{4.6 \times 10^5}{2.3 \times 10^{-2}} = \frac{4.6}{2.3} \times \frac{10^5}{10^{-2}} = 2 \times 10^{5-(-2)} = 2 \times 10^7$$

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

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