



Solve this system for x: $\begin{cases} 3x - 5y = -12 \\ 6x + 8y = -24 \end{cases}$

A. 4	B. 2	C. 0	D1	E4
7	D. 2	0. 0		L · ·

Last Week's Answer

A rectangle has a length that is 9 feet longer than it is wide. If the area of the rectangle is 90 square feet, find the length.

A. 6 ft B. 10 ft C. 14 ft D. 15 ft E. 18 ft Solution: $let w = width \qquad length \cdot width = area$ (w + 9)(w) = 90w² + 9w = 90w² + 9w - 90 = 0(w - 6)(w + 15) = 0w = 6 or w = -15Since the width of the rectangle must be a positive measure, - 15 is excluded.

Therefore, length = w + 9 = 6 + 9 = 15 feet

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

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