NC EMPT'S
QUESTION?
of the week

A tire has a circumference of 30 inches. How many revolutions does it make as it rolls 33 feet?

A. 1.1   B. $\frac{15}{\pi}$ C. 13.2   D. 15π E. 82.5

Last Week's Answer

Solve the equation $7^{5x} \cdot 7^{-3} = 1$ for x.

A. $\frac{1}{49}$ B. $\frac{3}{5}$ C. $\frac{4}{5}$ D. 1   E. 49

Solution:
$$7^{5x} \cdot 7^{-3} = 1$$
$$7^{5x-3} = 7^0$$
$$5x - 3 = 0$$
$$5x = 3$$
$$x = \frac{3}{5}$$

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

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