Keisha's Fish Tank

Keisha got a fish tank for her birthday. It fits exactly on a rectangular table that is 10 inches wide and 12 inches long. When the tank is completely filled, it holds 1,800 cubic inches of water. What is the height of Keisha's fish tank?

Answer: 15 inches tall

Show your work and explain your thinking using words, numbers, and/or pictures in the space below.

\[
\begin{align*}
10 \times 12 &= 120 \\
\text{I combined the length and width then built up.} \\
\end{align*}
\]
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Answer: 113.40 inches

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I think that we can solve this problem by multiplying the width times the length it is. Then we divide the question by the cubic inches of water it supports. Then you have the answer.
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Keisha's Fish Tank

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Answer: 44 inches

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Keisha's Fish Tank

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Answer: 15 in high

Show your work and explain your thinking using words, numbers, and/or pictures in the space below.

\[
\begin{align*}
10 \times 12 & \times \left( \frac{1800}{in} \right) \\
A & = 120 \\
1800 & \div 120 = 15 \\
1800 & \div 120 = 3 + \frac{9}{15} \\
1800 & \div 120 = \frac{6}{15} \\
1800 & \div 120 = \frac{1800}{1080} = 0
\end{align*}
\]