

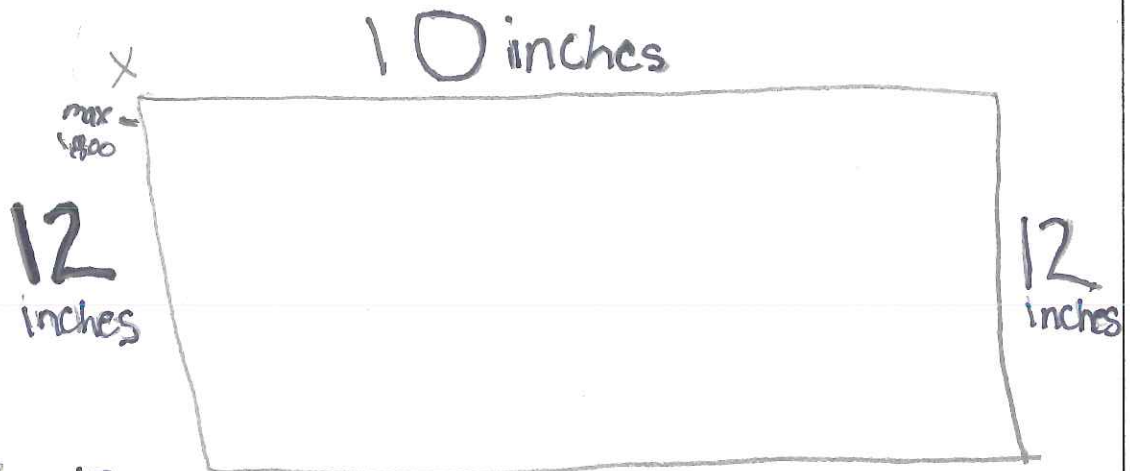
A

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.



$10 \times 12 = 120$

I combined the length and width then built up.

10 inches

$\begin{array}{r} 120 \\ \times 12 \\ \hline 240 \\ 200 \\ \hline 1440 \end{array}$	$\begin{array}{r} 120 \\ \times 14 \\ \hline 480 \\ 1200 \\ \hline 1680 \end{array}$	$\begin{array}{r} 120 \\ \times 16 \\ \hline 720 \\ 1200 \\ \hline 1920 \end{array}$	$\begin{array}{r} 120 \\ \times 15 \\ \hline 1600 \\ 1200 \\ \hline 1800 \end{array}$
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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: 113.40 inches

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

$$\begin{array}{r} 10 \\ \times 12 \\ \hline 20 \\ + 100 \\ \hline 120 \end{array}$$

I think that we can solve this problem is multiply the wide times the long it is. Then we divide the quation by the cubic inches of water it supports. There you have the answer

$$\begin{array}{r} 113.40 \text{ inches} \\ 120 \overline{) 1,800} \\ \underline{-120} \\ 160 \\ \underline{-120} \\ 040 \\ \underline{-360} \\ 040 \end{array}$$

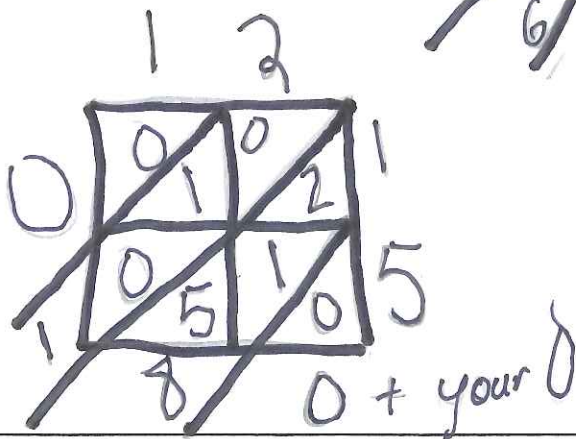
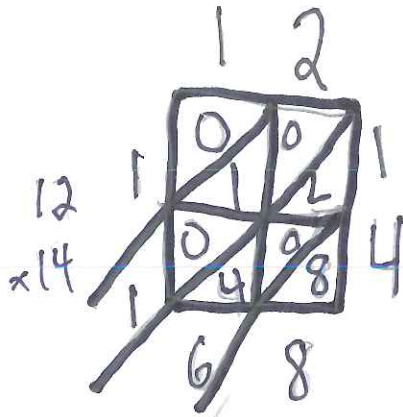
C

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

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



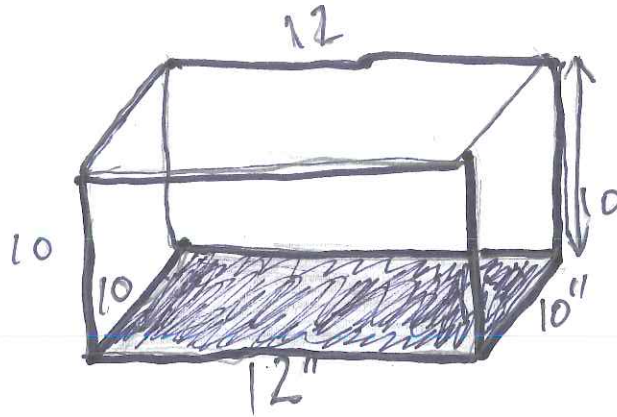
D

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: _____

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



K

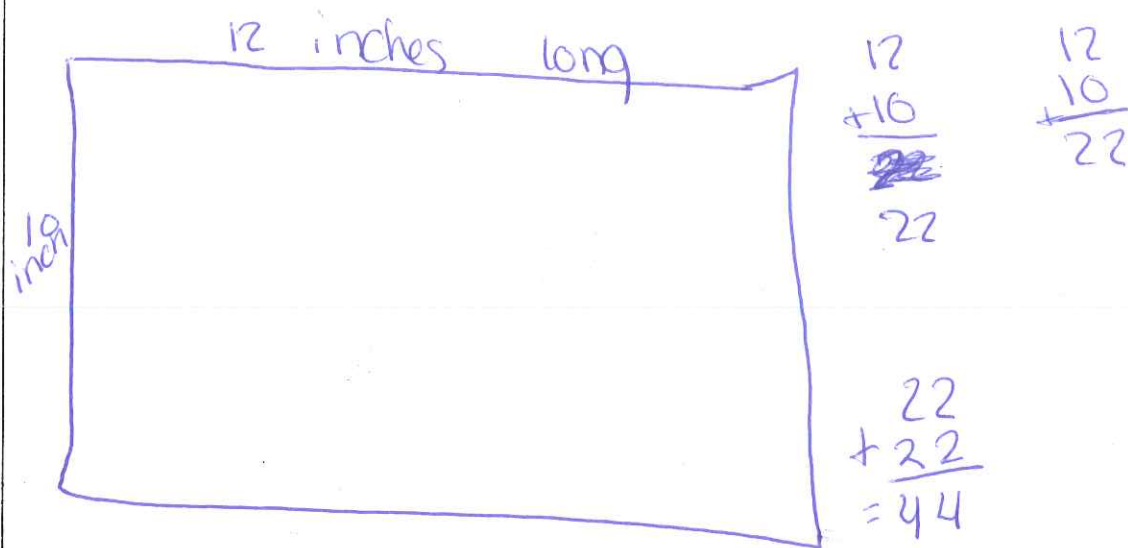
E

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: 44 ~~1800~~

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



~~width~~ Height

44 inches Height

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 in high

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

1800 in

$10 \times 12 \times \left(\frac{1800}{h}\right)$

$$\begin{array}{r} 10 \\ \times 12 \\ \hline 120 \end{array}$$

$$\begin{array}{r} 1800 \\ \div 120 \\ \hline 39 \end{array}$$

$$\begin{array}{r} 120 \overline{) 1800} \\ \underline{720} \\ 1080 \\ \underline{1080} \\ 0 \end{array}$$

$$\begin{array}{r} 39 \\ + 6 \\ \hline 15 \end{array}$$

$$1 \quad A = 120$$

$$2 \quad 120 \overline{) 1800}$$