

Periods 1,2,4,6

May 21, 2019

formula

Warm Up - Take out Tuesday's problems and work to be checked.
Begin working on Wednesday's problems, showing work as needed.

Class Work -

Lesson 19.7

pgs. 589-591 Read carefully

Homework - finish reading pgs. 589-591

$$4) A = \frac{1}{2}bh$$

$$A = \frac{1}{2}(6)(6)$$

$$A = 18 \text{ cm}^2$$

$$A = bh$$

$$A = 12 \cdot 9$$

$$A = 108 \text{ cm}^2$$

$$A = 126 \text{ cm}^2$$

Period 5

May 21, 2019

Place Homework on desk for checking.

Warm Up - NET problem #11. Show all work.

Class Work - Together read Example 1 pg. 431 and answer #s 1-2. Then, read pg. 432 and answer #3 Your Turn

Show all Work. May work with one partner.

Van

$$V = l \cdot w \cdot h$$

$$V = 10\frac{1}{2} \text{ ft} \cdot 6 \text{ ft} \cdot 6 \text{ ft}$$

$$V = 63 \text{ ft}^2 \cdot 6 \text{ ft}$$

$$\boxed{V = 378 \text{ ft}^3}$$

S.T.

$$V = l \cdot w \cdot h$$

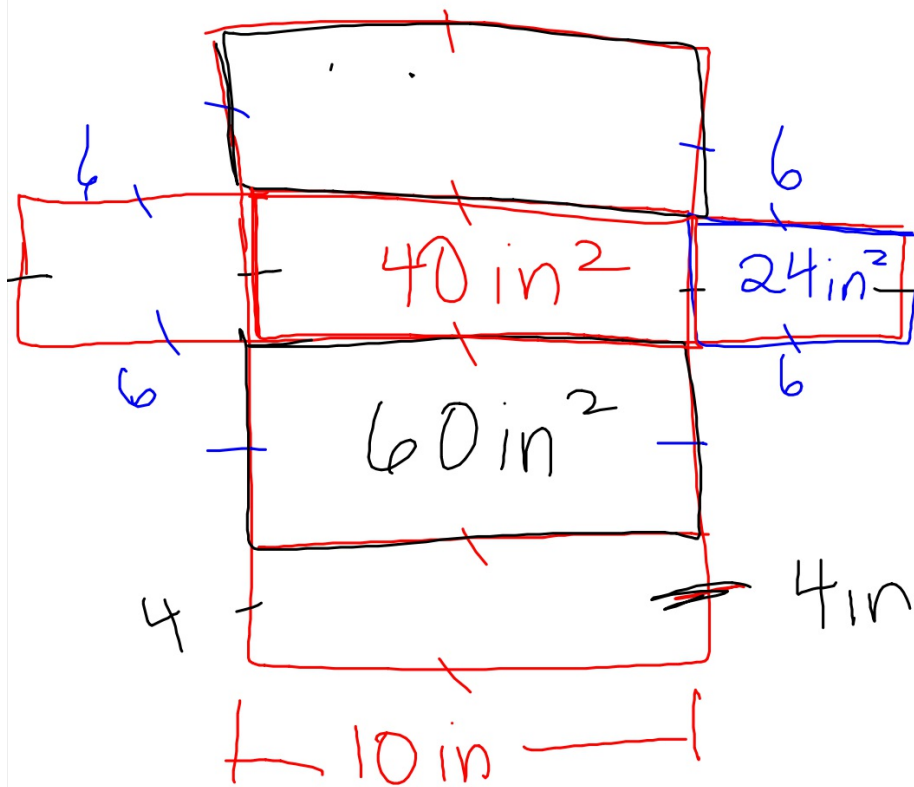
$$V = 12 \text{ ft} \cdot 8 \text{ ft} \cdot 6 \frac{3}{4} \text{ ft}$$

$$V = 96 \text{ ft}^2 \cdot 6 \frac{3}{4} \text{ ft}$$

$$V = 648 \text{ ft}^3$$

$$\begin{array}{r} 27 \\ 24 \\ \hline \end{array}$$

$$\begin{array}{r} 24 \\ \cancel{96} \\ \hline 1 \end{array} \cdot \begin{array}{r} 27 \\ \cancel{4} \\ \hline 1 \end{array}$$



$$\begin{array}{r}
 24 \\
 40 \\
 + 60 \\
 \hline
 124 \text{ in}^2 \\
 \times 2 \\
 \hline
 248 \text{ in}^2
 \end{array}$$

$$V = l \cdot w \cdot h$$

$$\frac{15}{3} = \frac{3 \times}{3}$$

$$375 \text{ in}^3 = \underbrace{15 \text{ in} \cdot 2.5 \text{ in}} \cdot h$$

$$\frac{375 \text{ in}^3}{37.5 \text{ in}^2} = \frac{\cancel{37.5} \text{ in}^2 h}{\cancel{37.5} \text{ in}^2}$$

$$\boxed{10 \text{ in} = h}$$

