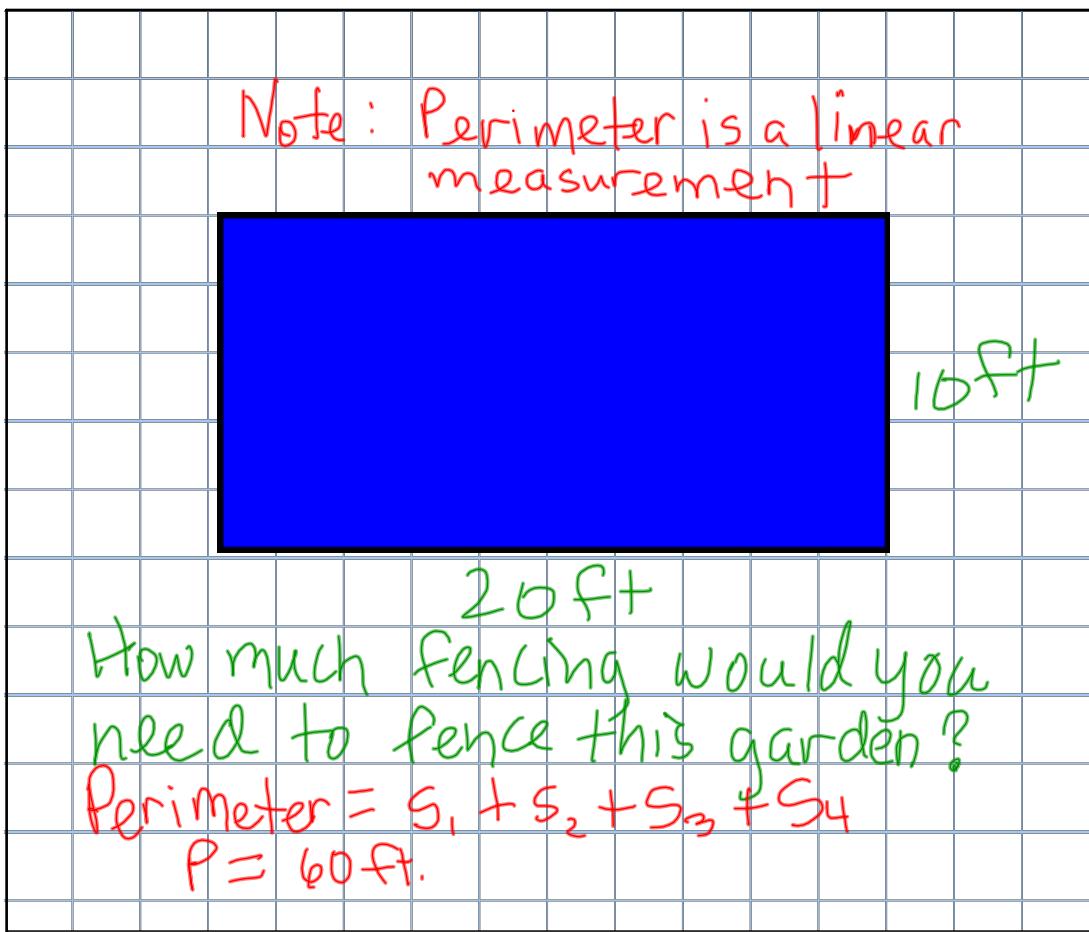


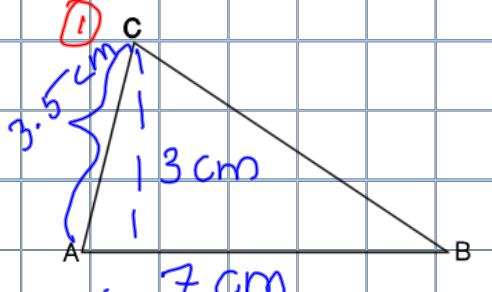
Apr 17-4:15 PM



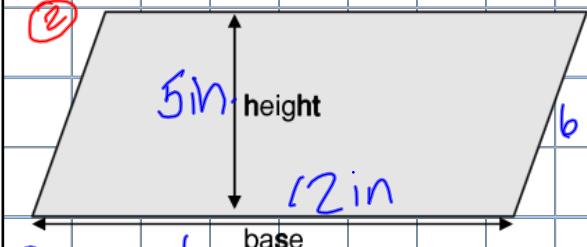
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Find the area of each figure below.

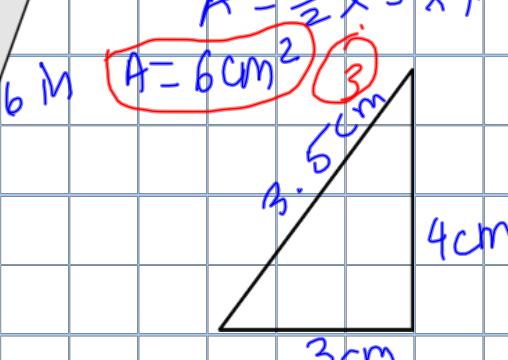
①  $A = \frac{1}{2} \times b \times h$   
 $A = \frac{1}{2} \times 7 \times 3$   
 $A = 10.5 \text{ cm}^2$



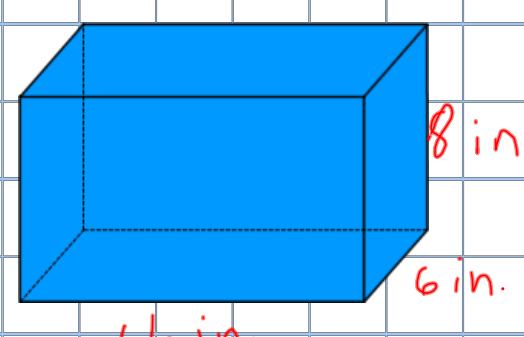
②  $A = b \times h$   
 $A = 12 \times 5$   
 $A = 60 \text{ in}^2$



③  $A = \frac{1}{2} \times b \times h$   
 $A = \frac{1}{2} \times 3 \times 4$   
 $A = 6 \text{ cm}^2$



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Area of base =  $96 \text{ in}^2$

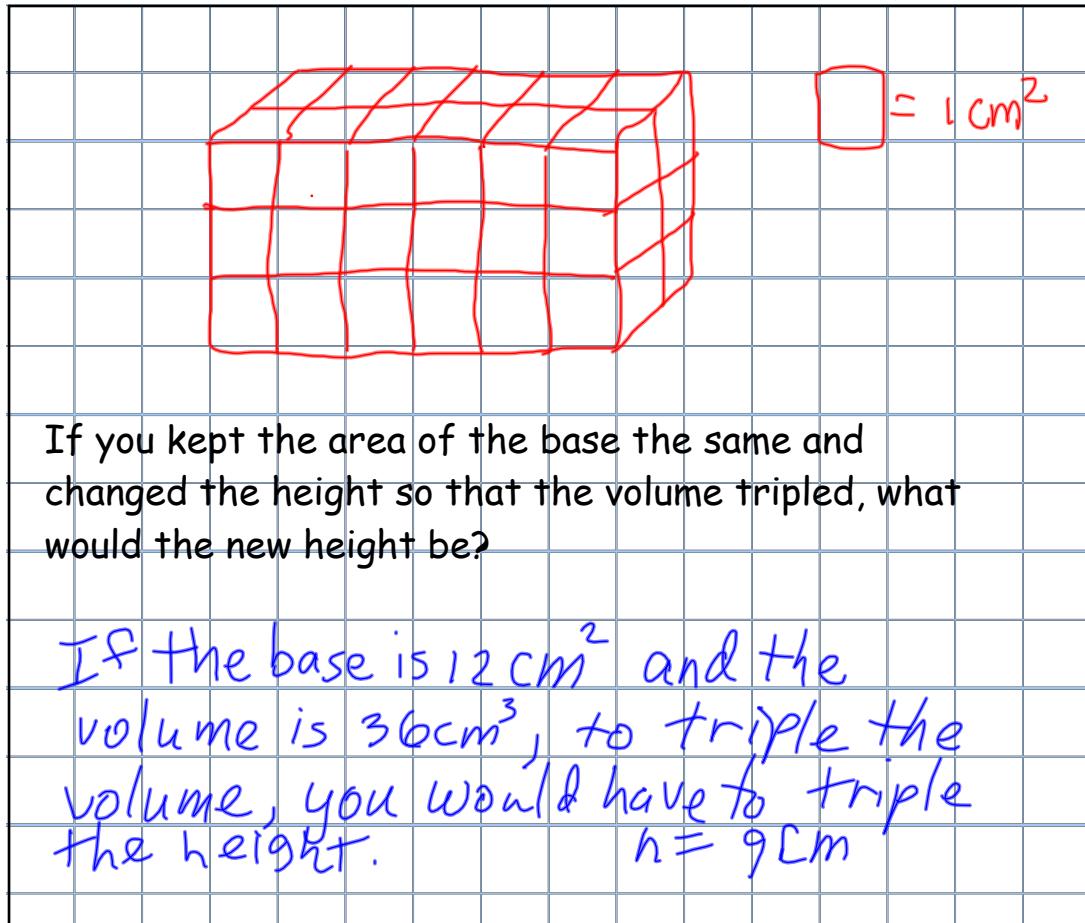
$$\begin{aligned}A &= b \times h \\A &= 16 \times 6 \\A &= 96\end{aligned}$$

Height of prism =  $8 \text{ in.}$

Volume of prism =  $768 \text{ in}^3$

$$\begin{aligned}V &= B \times h \\V &= 96 \times 8 \\V &= 768\end{aligned}$$

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You can verify this conclusion on the last problem by taking the tripled volume (108) and dividing it by the area of the base (12).  $108/12 = 9$ . 9 is 3 times the original height.

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