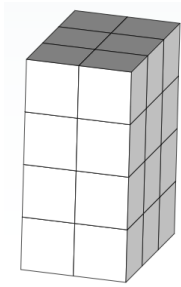


Gr5 Mod5 Topic B Quiz

1. Find the volume of this prism.

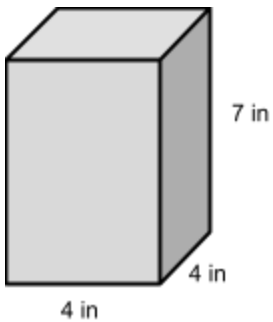
Volume = _____ u^3



Write the multiplication sentence that shows how you calculated the volume. Be sure to include the units.

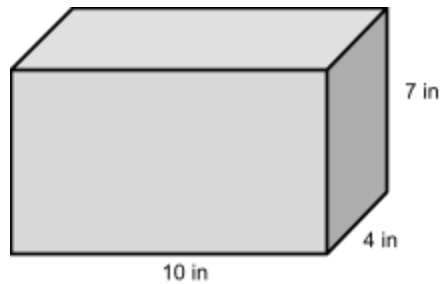
Write a number sentence that can be used to calculate the volume of each rectangular prism. Then find the volume of each rectangular prism.

2.



Volume: _____

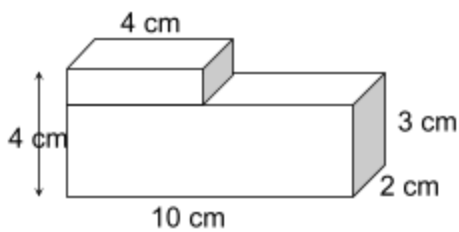
3.



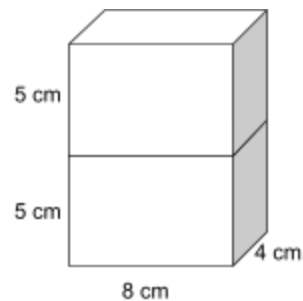
Volume: _____

Find the total volume of the figures, and record your solution strategy.

4.



5.



6. A storage shed is a rectangular prism and has dimensions of 6 meters by 5 meters by 12 meters. If Jean were to double these dimensions, she believes she would only double the volume. Is she correct? Explain why or why not. Include a drawing in your explanation.

7. Sketch a rectangular prism that has a volume of 36 cubic cm. Label the dimensions of each side on the prism. Fill in the blanks that follow.

Height: _____ cm

Length: _____ cm

Width: _____ cm

Volume: _____ cubic cm