

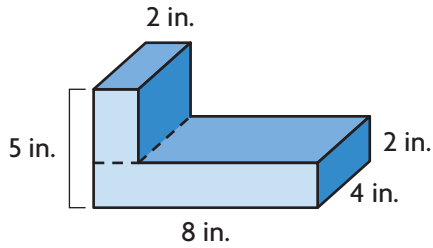
Name _____

Share and Show



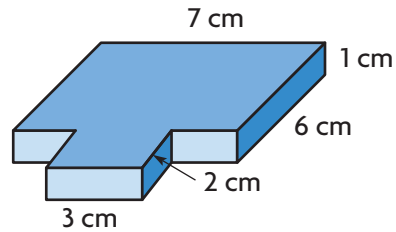
Find the volume of the composite figure.

1.



$V =$ _____

2.

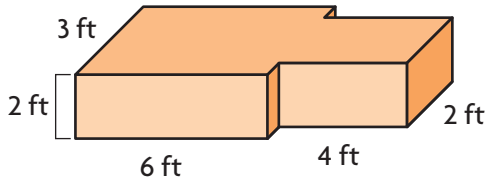


$V =$ _____

On Your Own

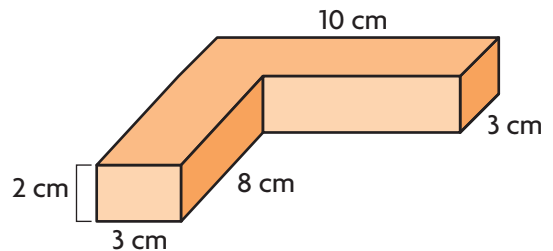
Find the volume of the composite figure.

3.



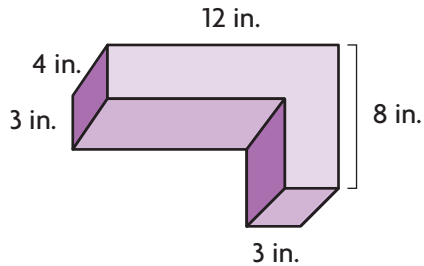
$V =$ _____

4.



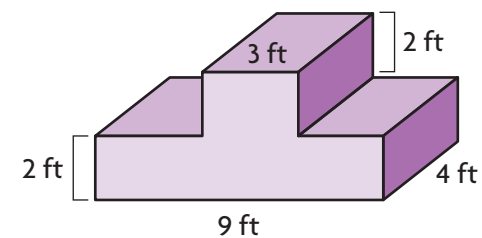
$V =$ _____

5.



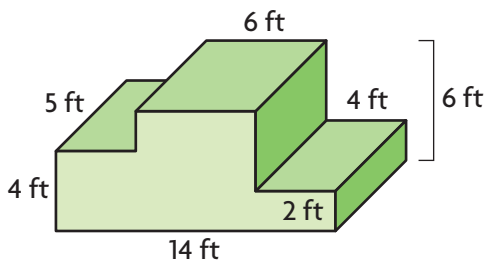
$V =$ _____

6.



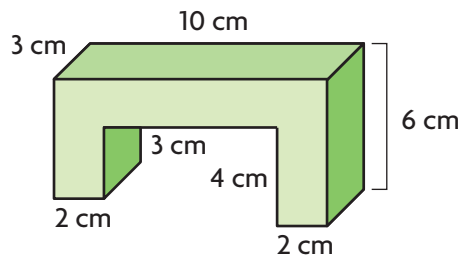
$V =$ _____

7.



$V =$ _____

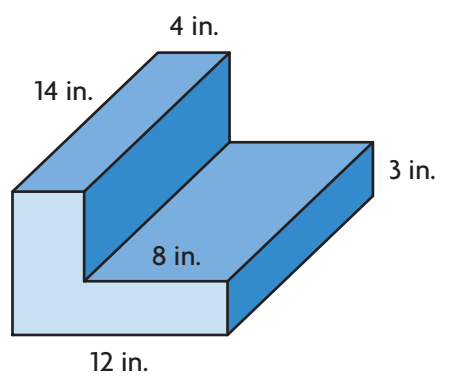
8.



$V =$ _____

Problem Solving **REAL WORLD**

Use the composite figure at the right for 9–11.



9. As part of a wood-working project, Jordan made the figure at the right out of wooden building blocks. How much space does the figure he made take up?

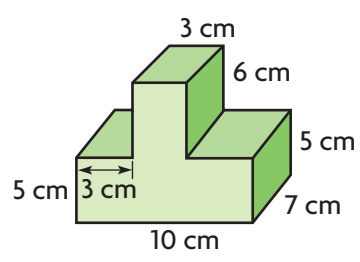
10. What are the dimensions of the two rectangular prisms you used to find the volume of the figure? What other rectangular prisms could you have used?

11. **H.O.T.** If the volume is found using subtraction, what is the volume of the empty space that is subtracted? **Explain.**

12. **Write Math** **Explain** how you can find the volume of composite figures that are made by combining rectangular prisms.

13. **Test Prep** What is the volume of the composite figure?

- (A) 126 cubic centimeters
- (B) 350 cubic centimeters
- (C) 450 cubic centimeters
- (D) 476 cubic centimeters



SHOW YOUR WORK