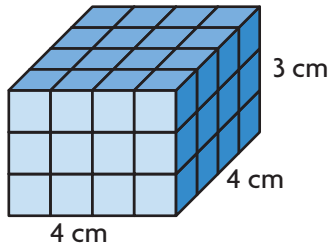


Share and Show



Use the unit given. Find the volume.

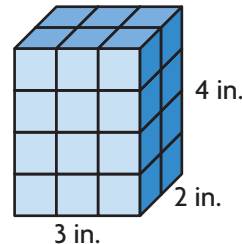
✓ 1.



Each cube = 1 cu cm

Volume = _____ cu _____

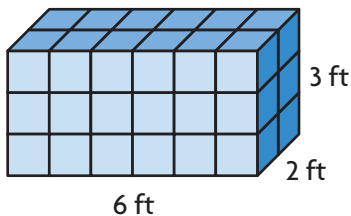
✓ 2.



Each cube = 1 cu in.

Volume = _____ cu _____

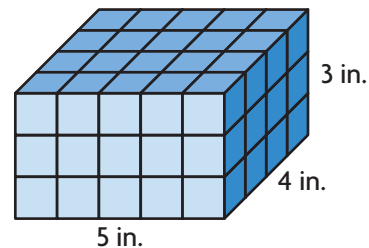
3.



Each cube = 1 cu ft

Volume = _____ cu _____

4.

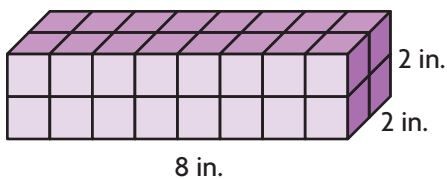


Each cube = 1 cu in.

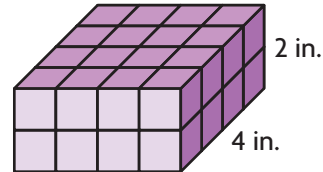
Volume = _____ cu _____

Compare the volumes. Write $<$, $>$, or $=$.

5.



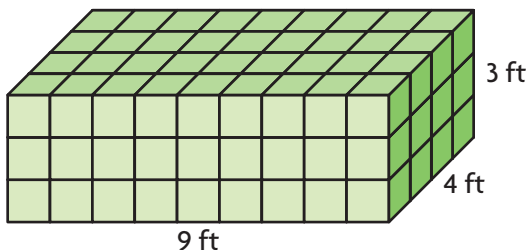
Each cube = 1 cu in.



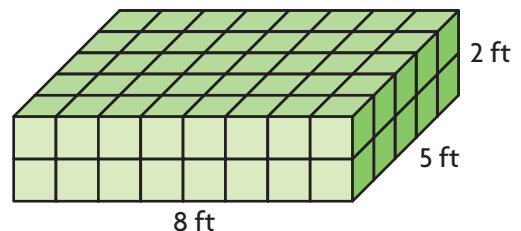
Each cube = 1 cu in.

_____ cu in. ○ _____ cu in.

6.



Each cube = 1 cu ft



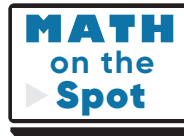
Each cube = 1 cu ft

_____ cu ft ○ _____ cu ft

On Your Own

7. **MTR** Gerardo says that a cube with edges that measure 10 centimeters has a volume that is twice as much as a cube with sides that measure 5 centimeters. Explain and correct Gerardo's error.

8. Pia built a rectangular prism with cubes. The base of her prism has 12 centimeter cubes. If the prism was built with 108 centimeter cubes, what is the height of her prism?



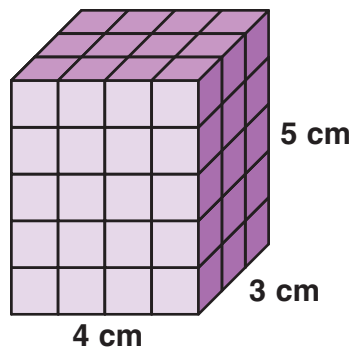
9. A packing company makes boxes with edges each measuring 3 feet. What is the volume of the boxes? If 10 boxes are put in a larger, rectangular shipping container and completely fill it with no gaps or overlaps, what is the volume of the shipping container?

10. Carlton used 1-centimeter cubes to build the rectangular prism shown.

Find the volume of the rectangular prism

Carlton built.

_____ cubic centimeters



Show the Math

Demonstrate Your Thinking