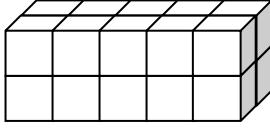


Name _____

Date _____

1. Each rectangular prism is built from centimeter cubes. State the dimensions and find the volume.

a.



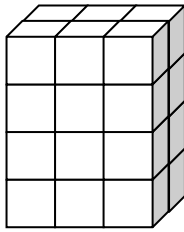
Length: _____ cm

Width: _____ cm

Height: _____ cm

Volume: _____ cm³

b.



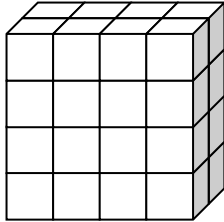
Length: _____ cm

Width: _____ cm

Height: _____ cm

Volume: _____ cm³

c.



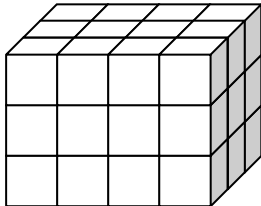
Length: _____ cm

Width: _____ cm

Height: _____ cm

Volume: _____ cm³

d.



Length: _____ cm

Width: _____ cm

Height: _____ cm

Volume: _____ cm³

2. Write a multiplication sentence that you could use to calculate the volume for each rectangular prism in Problem 1. Include the units in your sentences.

a. _____

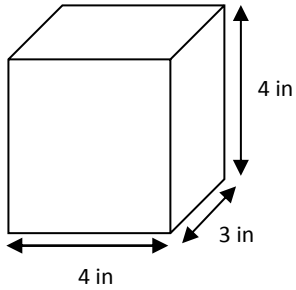
b. _____

c. _____

d. _____

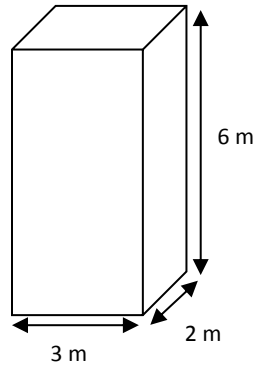
3. Calculate the volume of each rectangular prism. Include the units in your number sentences.

a.



V = _____

b.

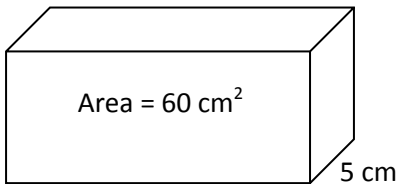


V = _____

4. Tyron is constructing a box in the shape of a rectangular prism to store his baseball cards. It has a length of 10 centimeters, a width of 7 centimeters, and a height of 8 centimeters. What is the volume of the box?

5. Aaron says more information is needed to find the volume of the prisms. Explain why Aaron is mistaken, and calculate the volume of the prisms.

a.



b.

