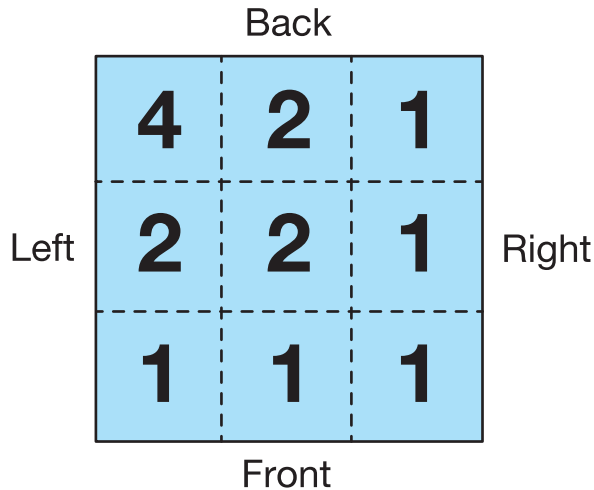
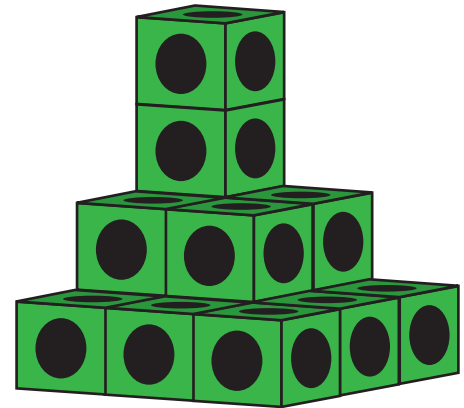


“What If” Volume Problems

Both Sara and Sam used this building plan to build the same buildings.



Sara and Sam’s Building Plan



1. What is the volume of this building?

_____ cubic units

2. What if Sam added one story to each column of his building? What will the new volume be? Write a number sentence to describe the new volume in cubic units.

_____ cubic units

3. What if Sara made all the columns on her building the same height as the tallest column? Write a number sentence to describe this volume in cubic units.

_____ cubic units