✔ Check-In: Questions 4–6

Miguel and Tara used this building plan to build the same buildings.

Back

1	**2**	**1**
3	**4**	**3**
1	**2**	**1**

Left   Right

Front
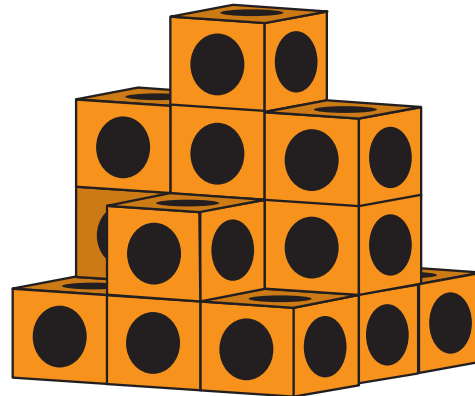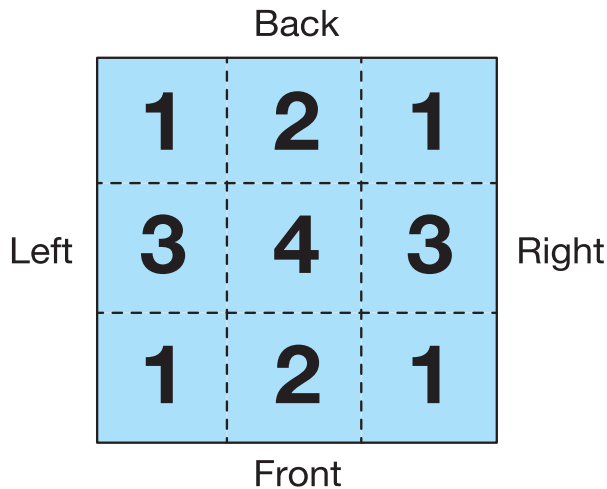
**Miguel and Tara's
Building Plan**

4. What is the volume of this building?

_____ cubic units

5. What if Miguel added two stories to each column of his building? What would the new volume be? Write a number sentence to describe the new volume in cubic units.

_____ cubic units

6. What if Tara decided to make the center column of her building seven stories high instead of four stories high? What would the new volume be? Write a number sentence to describe this volume in cubic units.

_____ cubic units

Name _____ Date _____

"What If" Volume Problems Check-In: Questions 4–6 Feedback Box	Expectation	Check In	Comments
Solve problems involving volume. [Q# 5–6]	E2		
Apply the properties of addition to compose number sentences that represent the volume of a building. [Q# 5–6]	E3		
Make connections between a building of cubes, the building plan, and number sentences. [Q# 5–6]	E4		
Count and add cubic units to find volume. [Q# 4–6]	E8		