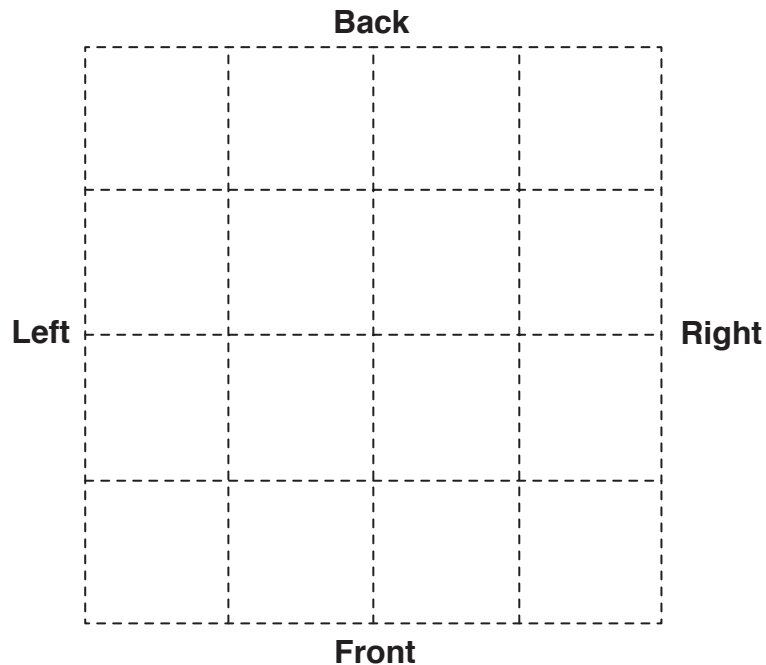


Building Detective

1. **A.** Construct a building and draw a building plan that matches Romesh's number sentence.

Building Plan for Romesh's Building



$$6 + 6 + 1 = 13 \text{ cubic units}$$

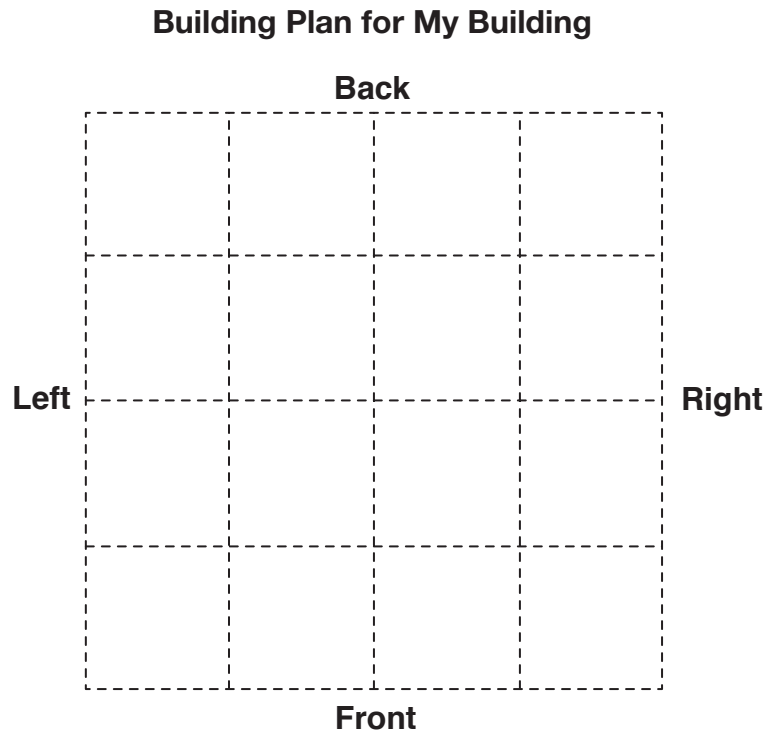
B. Height of tallest column _____

C. Volume _____

Remember to label your units.



2. A. Construct a different building with the same volume as Romesh's building. Draw your building plan.



B. Write a number sentence for your building.

Number sentence _____

- 3. A.** Romesh used 13 cubes to make this building plan. He forgot to fill in one part of the plan. Find the missing number. Write a number sentence.

2	4	1
1	?	2

Number sentence _____

- B.** Show or tell how you found the missing number.