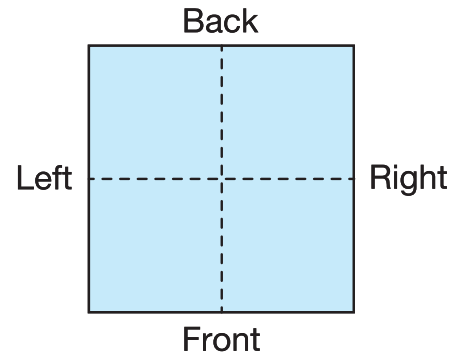# Give Me a Clue

Read the clues for each problem. Construct a building that solves each problem. Use the floor plan to record a building plan that solves the problem. Write a number sentence to fit each building.
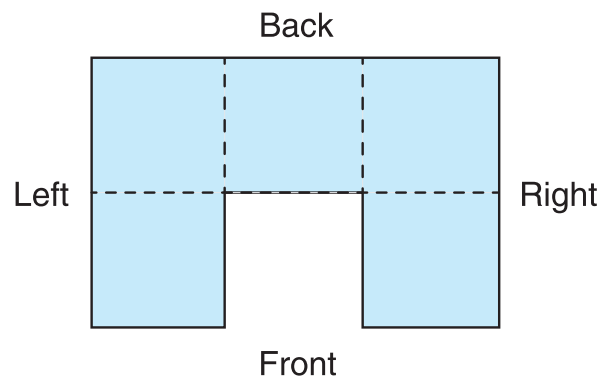
1. **Clues:**

- The floor plan is a square with each side 2 units long.
- Volume = 7 cubic units
- Height = 4 units

Back

Left ----------- Right

Front

Number sentence _____

2. **Clues:**

- The floor plan is shown at the right.
- Volume = 6 cubic units
- Height = 2 units

Back

Left ----------- Right

Front

Number sentence _____

Name _____ Date _____

3. Clues:
- The floor plan is a square with each side 2 units long.
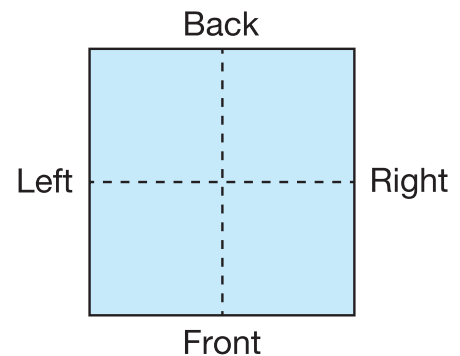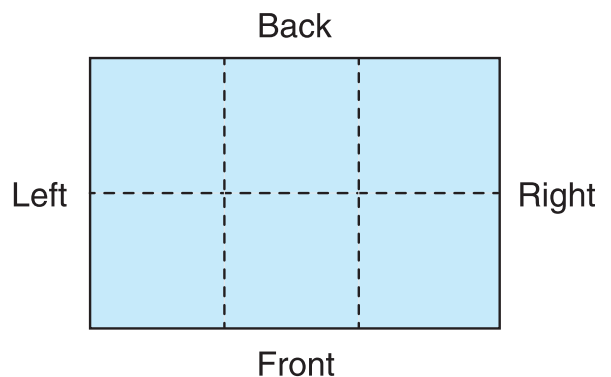- Volume = 10 cubic units
- Height = 3 units

Back

Left ┆ Right

Front
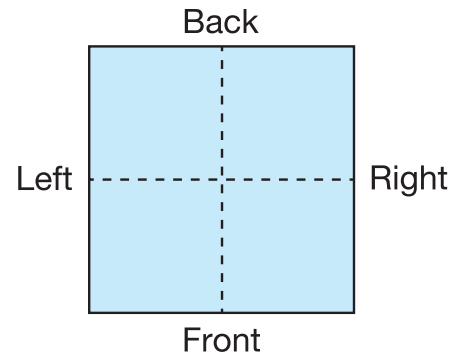
Number sentence _____

4. There is more than one solution to Question 3. Show another solution.

Back

Left ┆ Right

Front

Number sentence _____

5. Clues:
- The floor plan is shown at the right.
- Volume = 17 cubic units
- Height = 4 units

Back

Left ┆ Right

Front

Number sentence _____

Name _____ Date _____

Give Me a Clue Feedback Box	Expectation	Check In	Comments
Solve problems involving volume. [Q# 1–5]	E2		
Make connections between a building of cubes, the building plan, and number sentences. [Q# 1–5]	E4		
Recognize that different shapes can have the same volume. [Q# 4]	E5		
Count and add cubic units to find volume. [Q# 1–5]	E6		
Construct a building plan given the volume (number of cubes), floor plan, and height. [Q# 1–5]	E7		