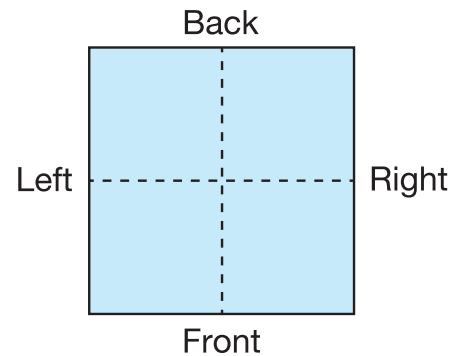


More Building Problems

Work with a partner. Construct a building that matches the clues in each problem. Make a record of your building in the building plan. You may find no solution, one solution, or many solutions.

1. Clues:

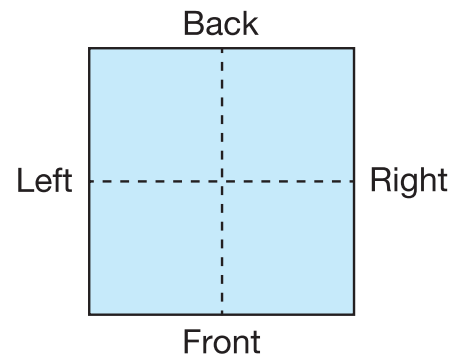
- The floor plan is a square with each side 2 units long.
- Volume = 8 cubic units
- Height = 2 units



Number sentence _____

2. Clues:

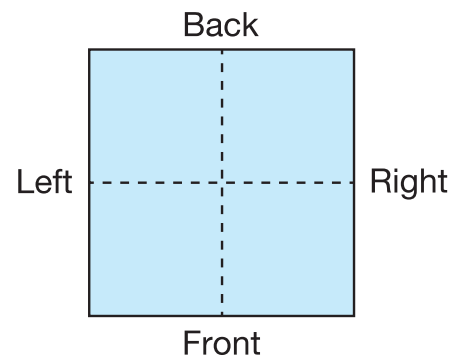
- The floor plan is a square with each side 2 units long.
- Volume = 6 cubic units
- Height = 2 units



Number sentence _____

3. Clues:

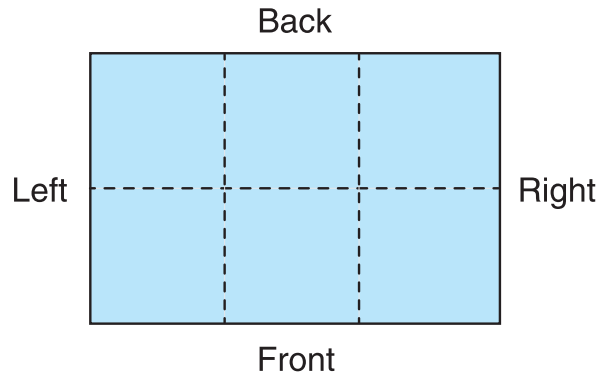
- The floor plan is a square with each side 2 units long.
- Volume = 9 cubic units
- Height = 2 units



Number sentence _____

4. Clues:

- The floor plan is a rectangle that is 3 units long from left to right and 2 units long from front to back.
- Volume = 14 cubic units
- Height = 4 units



Number sentence _____

5. Make up your own building problem. Make sure you know the answer. Remember to label the units.

Clues:

- The floor plan is a rectangle that is _____ units long from left to right and _____ units long from front to back.
- Volume = _____
- Height = _____

