

Find Volume

TAKS Objective 4
TEKS 3.11F

Solve each problem.

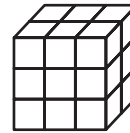
1. Jake made this sculpture with his wooden blocks. What is the sculpture's volume, in cubic units?



3. Jake made a solid figure, which had 7 cubes in the bottom layer, 5 cubes in the middle layer, and 4 cubes in the top layer. What is the volume of the figure?

5. Jake made an array with his blocks. It had 3 rows with 3 blocks in each row. Then he stacked 2 more of those arrays on top of the first array. What solid figure do the stacked arrays form? What is the volume of the figure?

2. Jake made this sculpture with wooden blocks. What is the sculpture's volume, in cubic units?



4. Jake stacked wooden blocks in a pattern. The stack has 5 rows. There are 5 blocks in the bottom row. Each row has 1 fewer block than the row below it. What is the total volume of the blocks that Jake stacked?

6. Jake says that the volume of the sculpture he made with his wooden blocks is 12 cubic units. What mistake did he make? What is the correct volume?

