



4. A block that is 2 inches wide, 3 inches long, and 2 inches tall. What is the volume of a tower that is built by 3 blocks?

5. The closet is 6 feet wide, 5 feet deep and 8 feet tall. In the closet, there is a suitcase that is 2 feet wide, 3 feet long and 4 feet tall. How much room is left in the closet?

## Answers

1.  $4 \times 4 \times 4 = 64$   
The volume of the cube is 64 cubic inches.
2.  $3 \times 1.5 \times 5 = 22.5$   
The volume of space under the desk is 22.5 cubic feet.
3.  $6 \times 4 \times 2 = 40$   
The volume of the drawer is 40 cubic feet.
4.  $2 \times 3 \times 2 \times 3 = 36$   
The volume of a tower built by 3 blocks is 36 cubic inches.
5.  $6 \times 5 \times 8 - 2 \times 3 \times 4 = 240 - 24 = 216$   
The room left in the closet is 216 cubic feet.