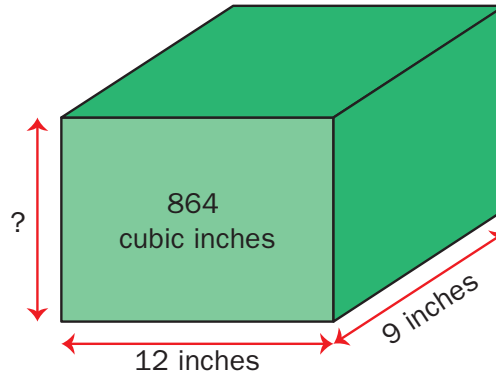


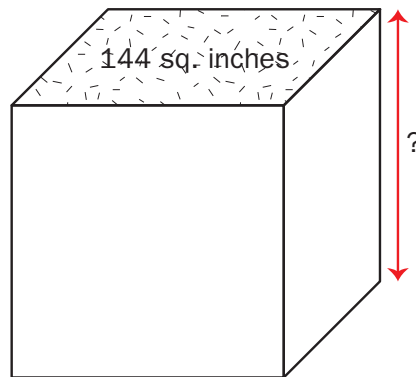
R Volume



- Ming found a box to use for his rock collection. The bottom of the box is a rectangle with a length of 9 inches and a width of 12 inches. The total volume of the box is 864 cubic inches. What is the height of Ming's box?



- A. Keenya's hamster house is a cube. The top of the cube has an area of 144 square inches. What is the height of the hamster house?



- B. What is the volume of the hamster house? Show or tell how you solved the problem.