



Name

Score

Solve and show all steps.

<p>A rectangular fish tank has a length of 30 cm, a width of 15 cm, and a height of 20 cm. How much water can the fish tank hold when it is completely full?</p>	<p>Show all steps here</p>
<p>A gift box is in the shape of a cube. If one side of the box measures 10 inches, what is the volume of the gift box?</p>	<p>Show all steps here</p>
<p>A construction company is digging a rectangular hole for a new building's foundation. The hole is 25 meters long, 12 meters wide, and 4 meters deep. How much soil, in cubic meters, needs to be removed?</p>	<p>Show all steps here</p>
<p>A storage container is shaped like a rectangular prism with a volume of 280 cubic feet. If the length of the container is 8 feet and the width is 7 feet, what is its height?</p>	<p>Show all steps here</p>
<p>Two cubic blocks are stacked on top of each other. The bottom block has a side length of 6 cm, and the top block has a side length of 4 cm. What is the total volume of the stacked blocks?</p>	<p>Show all steps here</p>



Solve and show all steps.

The fish tank can hold **9000 cubic centimeters** of water.

The volume of the gift box is **1000 cubic inches**.

1200 cubic meters of soil need to be removed.

The height of the storage container is **5 feet**.

The total volume of the stacked blocks is **280 cubic centimeters**.