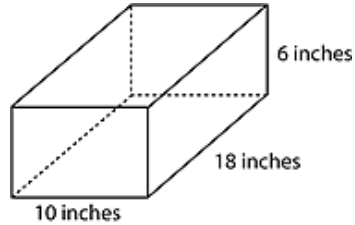


## Possible Solutions

To solve, students will need to remember the formula for volume of a rectangular prism,  $V = lwh$ .



For this problem and standard, students must supply the equation that would be used, not just the actual units. They would simply take the formula and plug in the measurements, then include the solution. Here are the steps:

1. Determine the measurements by looking at the model provided.
2. Replace the  $l$ ,  $w$ , and  $h$  in the formula with the corresponding measurement:
  - a.  $l = 18$  inches
  - b.  $w = 10$  inches
  - c.  $h = 6$  inches
3. Rewrite the formula as the equation with measurements:
  - a.  $V = 18 \bullet 10 \bullet 6$