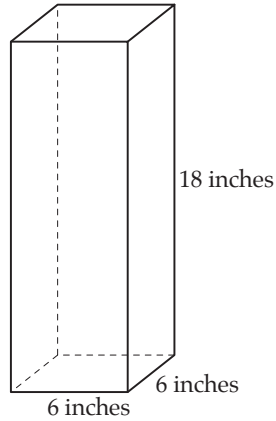


Test 8—Question 2: Problem Solving

- 2** The Champion Lamp Company created a lamp base in the shape of a rectangular prism, as shown in the diagram below.



Each lamp base is shipped in a box that has a volume that is 25% more than the volume of the lamp base.

What is the volume, in cubic inches, of the box?

Show All Work

Answer _____ cubic inches