Name:

Constructed Response – Group 1 – 8/25/14

Find a word problem below. In order to receive full credit for this assignment, **you must not only show your math work, but you must explain in writing how you solved the problem.**

A piece of wire is cut and soldered to form the framework of a cube. The volume of the cube is 10,648 cm3. Find

1. The length of a side of the cube.
2. The length of the wire used.