**G 4 – Warm Up Problems**

1) Find the surface area of this cube if each edge is 4 cm.

2) If the total surface area of a second cube is 216 square inches, what is the length of each side of the cube?

3) I want to cover our tent with rain proofing material. The length of the front is 6 feet. The height is 7 feet. The sides of the tent are 4 feet by 7 ½ feet. How many square feet of rain proofing material will I need to cover the front, back, sides and bottom of the tent?