



Willy Wonka wants to build a model of solid chocolate of his planned new factory, as shown above.

1. How much chocolate will he need to build the model with the dimensions given on the diagram?
2. At \$.50 per cubic cm., how much will it cost Mr. Wonka to build this chocolate model?
3. What if Mr. Wonka plans to build the factory with the 1 cm = 5 m scale indicated. What will be the volume of this life-size factory?