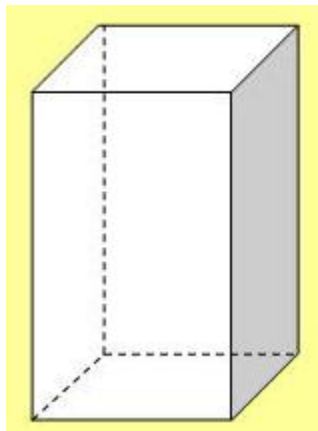


## Problem #23 – Sum Prism



The dimensions of a rectangular prism are all positive integers. The volume of the prism is 2002 cubic centimeters. Find the minimum possible sum in centimeters of the three dimensions (length, width, height) of the prism.

**Due date:** Friday, May. 11<sup>th</sup>, 2012

Submit to Mr. Streit in person or email your solution. Please place the POW number and your name in the Subject line of your email. If you submit it early you can get feedback and re-submit if it is incorrect.

**christian.streit@aas.ru**

All work must be shown to explain your solution.