

Math 1190 Homework #8

We will talk about this problem on Monday, October 26th.

**Problem:** Find positive integers  $a_1, a_2, \dots, a_n$  such that  $a_1 + a_2 + \dots + a_n = 2009$ , and the product  $a_1 a_2 \dots a_n$  is as large as possible.