## Problem of the Week Problem C

 Positively Perfect Prime ProductsA prime number is any number that has exactly two positive integer factors, 1 and the number itself. A composite number has more than two positive integer factors. The number 1 is neither prime nor composite.

Four distinct prime numbers have a product of $d 10$ : a three-digit number with hundreds digit $d$. Determine all possible values of the sum of these four prime numbers.


## 1963-2013

