



## Problem of the Week

### Problem D

#### Multiplying Tomatoes 1

Jamal grew four tomato plants last summer. The product of the total number of tomatoes each plant produced is 40 392. The plant that produced the most tomatoes produced exactly 50 more tomatoes than the plant that produced the fewest tomatoes. If the plant that produced the fewest tomatoes produced fewer than 10 tomatoes, determine all possibilities for the number of tomatoes each plant produced.

