

## PRODUCT PROBLEM

**Materials:** Calculator for each group, number tiles

1. Using each of the digits 1, 2, 3, 4, 5, and 6 only once, find two 3-digit numbers whose product is as *small* as possible.
2. What if the digits were 4, 5, 6, 7, 8, and 9?
3. Is there a pattern for finding the smallest product of two 3-digit numbers? Describe it.