



## Problem of the Week

### Problem B

#### Sticky Keys

For some time, Joanne has relied on a calculator to multiply. She just realized that the 8 button on her calculator is broken.

- (a) Determine a method for Joanne to use her broken calculator to determine the value of  $82 \times 816$ .
- (b) Suppose both the 8 button and the 4 button were broken. Could Joanne still use her calculator to determine the product in part (a)?

