

## Problem of the Month, October 2007

*Please turn all solutions into Dr. Dunn's office, JB 322. You may slide your solutions under his door as well. Most elegant solution wins a \$10 gift certificate to the bookstore! Solutions will be accepted anytime during the month of October. Good luck!*

The number  $25!$  has how many zeros at the end of it? Be sure to provide justification!