

Name: _____

Math 212 POW Two

Due: Monday, 1/26

FORMAT

- Write neatly and clearly on white paper (lined or unlined)
 - Attach a POW cover sheet to the front of your work for turn in
 - Before starting your problem solving process, refer to your POW directions (linked to your Math 212 home page).
1. Use Polya's four-step problem solving process throughout. Clearly mark each of the four steps. You should merge part i and part ii in your write up.
 - i. Problem #48, Section 6.1
 - ii. Using the same problem setup: Suppose now that our paper is big enough to fold 50 times. Again the question is "What is the height of the stack of paper," but this time, "to the nearest mile."
 - iii. Briefly comment on how you would explain to a child why twice the number of folds does not result in twice the height of the stack.