



## Problem of the Week

### Problem A

### Eight is Enough

There once was a child whose parents never taught him the number 8. He grew up to be a wonderful person, but would always count 1, 2, 3, 4, 5, 6, 7, 9, 10 and so on, skipping all numbers that include an 8. One day he was given the task of numbering the pages in two books.

- A) By his count, the last page of the first book is 110. Knowing what you do about this child, how many pages are actually in this book?
- B) By his count, the last page of the second book was 320. How many pages are actually in this book?

*Based on the poem **Eight** from the book **I'm Just No Good At Rhyming** (and other nonsense for mischievous kids and immature grown-ups) by Chris Harris and Lane Smith*

