

## Two from David Holl

Mr. David Holl taught at Otterbein for 10 years; I am his replacement. To carry on his memory (not that he's dead!), here are two problems that he gave to his MATH 150 class.

1. If it takes 858 digits to number the pages of a book, how many pages are there?

2. Based on the following conversation, determine the ages of Jane's children.

Jane: I have three children.

You: What are their ages?

Jane: The product of their ages is 36.

You: I can't determine their ages.

Jane: The sum of their ages is your apartment number.

You: I still can't do it.

Jane: The oldest has red hair.

You: OK, now I know their ages.