

Homework for Dr. Z.'s MathHistory for Lecture 2 (Due Feb. 9, 2017)

0. Read and understand Chapter II, sections 4-5 (pp. 23-31) summarize its content in your own words and your own handwriting, and write it in your HISTORY notebook, [You should have at least the equivalent of two typed pages, but you welcome to write more]

The other problems should be in your MATH notebook.

1. Recall that an $n \times n$ magic square contains all the integers from 1 to n^2 such that each row and each column add-up to the same amount. What is that amount? Prove it!

2. Construct, without peeking, a 3×3 magic square.

3. Construct, without peeking, a 4×4 magic square.

4. Construct, without peeking, a 7×7 magic square.