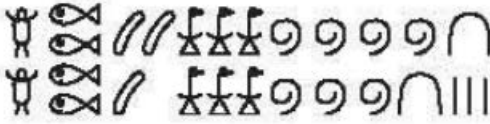


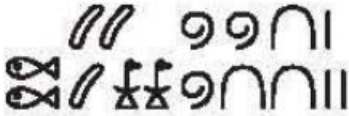
Math 116: Written Homework Set 1

This assignment is due on Tuesday, January 29th in class. Show all work where possible! Answers magically appearing will receive no credit.

- Write each Hindu-Arabic numeral using Egyptian hieroglyphics.
 - 103
 - 3152
- Write each Egyptian numeral as a Hindu Arabic numeral (decimal number).

a. 

c. 

b. 

- Write each Roman numeral as a Hindu-Arabic numeral.
 - MCLXVII
 - MCDIX
 - DCCXL
 - $\overline{IV}$ CCXXI
- Write each Hindi-Arabic numeral as a Roman numeral.
 - 16
 - 542
 - 1039
- Write each numeral in its expanded form.
 - 420
 - 6803
- Simplify the following expansion.

$$(5 \times 10^4) + (2 \times 10^3) + (1 \times 10^2) + (8 \times 10^1) + (6 \times 10^0)$$

Selected Answers

1. a. 

2. b. 232333

3. a. 1167

c. 740

4. b. DXLII

5. b. $(6 \times 10^3) + (8 \times 10^2) + (0 \times 10^1) + (3 \times 10^0)$