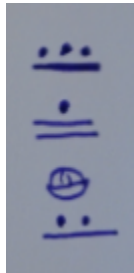


NUMBER THEORY: OTHER SYSTEMS

A) Conversions from other systems into the Hindu-Arabic system.

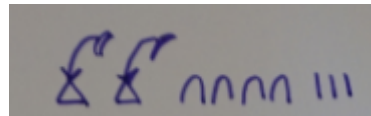
1) Convert the Roman Number CCXLVII to Hindu-Arabic Notation.

2) Convert the Mayan Number



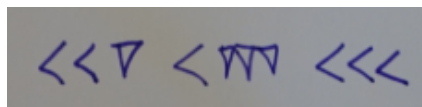
into Hindu-Arabic Notation.

3) Convert the Egyptian Number



into Hindu-Arabic Notation.

4) Convert the Babylonian Number



into Hindu-Arabic Notation.

B) Conversions from the Hindu-Arabic system into other systems.

1) Convert 2196 into:

Roman _____

Egyptian _____

Mayan _____

Babylonian _____

WORK SPACE:

2) Convert 984 into:

Roman _____

Egyptian _____

Mayan _____

Babylonian _____

WORK SPACE:

C) Count in Mayan from 42 to 76 put your answers in the boxes corresponding to the numbers:

Forty-two	Forty-three	Forty-four	Forty-five	Forty-six	Forty-seven	Forty-eight
Forty-nine	Fifty	Fifty-one	Fifty-two	Fifty-three	Fifty-four	Fifty-five
Fifty-six	Fifty-seven	Fifty-eight	Fifty-nine	Sixty	Sixty-one	Sixty-two
Sixty-three	Sixty-four	Sixty-five	Sixty-six	Sixty-seven	Sixty-eight	Sixty-nine
Seventy	Seventy-one	Seventy-two	Seventy-three	Seventy-four	Seventy-five	Seventy-six

D) Multiply the given numbers in Egyptian. Translate them into Egyptian Numerals, and do all of your work in Egyptian only. There should be no Hindu-Arabic numbers at all on this page.

1) Multiply 6 times 21 as required in the directions above.

2) Multiply 11 times 32 as required in the directions above.

3) Multiply 17 times 102 as required in the directions above.