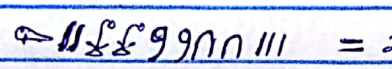
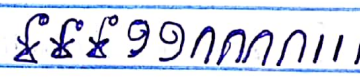
5.1

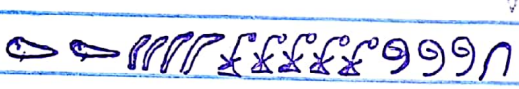
3 Write the Egyptian numerical using Hindu arabic



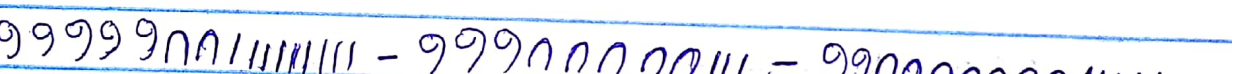
= 2,122,203

5 write each Hindu - arabic Using Egyptian numerals.

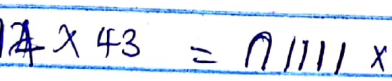
3,245 = 

7 245,310 = 

13. Perform each of the following subtraction problem Using Egyptian notation.



17 Use the egyptian method to double and calculate the following produc

17 x 43 = 

Write each Roman numerical Using Hindu Arabic Numericals:

$\overline{V}$MM DX LIV = ~~7,164~~ ⇒ 7,544

Write each numerical in roman notation

(33) 444 = CDXLIV

(37) 89,423 = $\overline{L}$XXXV MMMCDXXIII

V Show the addition Problem similar in example 6

(65) M
D
C
L
X
I

CCCXXXVIII + CCCXIII

338 + 213 = 551 ⇒ CCCCCXXXXXI

Q. Express dates Using Chinese numeration.

(1523 - 1027 BC)

(一千五百二十三 — 一千二十七 BC)

Q3 The traditional Chinese numeration system had no symbols for zero. What complication did this cause in writing numerals?

→ There are ten characters representing the numbers zero through nine and other characters representing the larger numbers.

5.2

(6) 四百三十五 = $4 \times 100 + 3 \times 10 + 5 \times 1$

$= 4 \times 10^2 + 3 \times 10^1 + 5 \times 10^0$

(9) 五千六百七十七 = $5 \times 1000 + 6 \times 10 + 7 \times 1$

$= 5 \times 10^3 + 6 \times 10^1 + 7 \times 10^0$

(12) 九千九百九十九 = $9 \times 1000 + 9 \times 1$

$= 9 \times 10^3 + 9 \times 10^0$