

Name \_\_\_\_\_ # \_\_\_\_\_

## Roman Numerals Exploration

Ancient Romans used a different way of writing numbers. Using the application *Numerus* on your handheld, answer the following questions.

Fill in the chart below with the values of each Roman numeral.

I	
V	
X	
L	
C	
D	
M	

II	
VI	
MM	
CLX	
MDCLI	
LXVII	
LXXX	

Tap on the menu button and choose Options > Input Method. Tap on the "Additive" button. Next, tap on the clear button in *Numerus*. Tap the "I" button many times in a row. Notice what happens to the number and Roman numeral at the top of the screen. Continue to tap "I." what happens and why.

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Enter the following problems into *Numerus*. You will need to change the numbers into a Roman numerals. **Record your answer as a Roman numeral.**

$16 + 6 = \underline{\hspace{2cm}}$

$2040 / 60 = \underline{\hspace{2cm}}$

$3 \times 500 = \underline{\hspace{2cm}}$

$2001 - 665 = \underline{\hspace{2cm}}$

$60 + 556 = \underline{\hspace{2cm}}$

$1210 / 5 = \underline{\hspace{2cm}}$

$555 - 66 = \underline{\hspace{2cm}}$

$144 / 12 = \underline{\hspace{2cm}}$

$14320 / 10 = \underline{\hspace{2cm}}$

$899 + 44 = \underline{\hspace{2cm}}$

$( 82 + 23 ) / 5 = \underline{\hspace{2cm}}$

$( 90 / 15 ) * 47 = \underline{\hspace{2cm}}$

$98 + 23 = \underline{\hspace{2cm}}$

$82 / 23 = \underline{\hspace{2cm}}$

Tap on the clear button in *Numerus*. Tap the "M" button five times in a row. Notice what happens to the number and Roman numeral at the top of the screen. Continue to tap "M." Explain what happens and why.

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Now that you have worked with many Roman numerals, fill out the Venn diagram below to compare and contrast our Arabic number system with Roman Numerals.

