

Name: \_\_\_\_\_ Period: \_\_\_\_\_ Date: \_\_\_\_\_

## The Roman Republic

### Roman Numerals Assignment

Practice what you have learned about Roman Numerals by answering the following questions.

I.  $X - V =$

II.  $C - IX =$

III.  $I + II + III =$

IV.  $XII - V =$

V.  $67 =$

VI.  $222 =$

VII.  $444 =$

VIII.  $999 =$

IX.  $12,345 =$

X. The current year =

XI. The year you were born =

XII. The founding of Rome =

XIII.  $XL =$

XIV.  $DCIX =$

XV.  $CCXLVIII =$

XVI.  $MCMLXXXIV =$

XVII.  $MDCCLXXVI =$

XVIII.  $MCDXCII =$

XIX. Three million =

XX. Zero =

# OPTIONAL

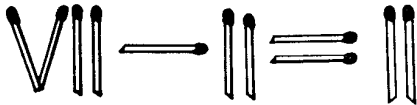
Many problems needing creative solutions require that the elements or parts of the problem be rearranged into a completely new pattern.

This exercise increases your fluency and flexibility to make visual transformations.

IN THE FOLLOWING SERIES OF SEVEN PROBLEMS YOU HAVE TO MOVE ONE OR MORE MATCHES TO A DIFFERENT POSITION TO MAKE THE EQUATIONS CORRECT OR TO GET THE REQUIRED CONFIGURATIONS.

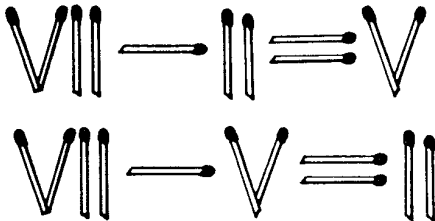
*Example:*

Matches are laid out in this pattern.



Move two matches and make the equation valid.

*Answers*



1. Move one match and make the equation valid. (There are at least two solutions.)



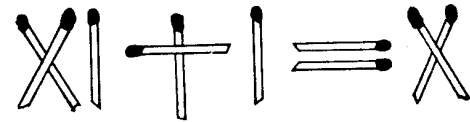
2. Move two matches to make a correct equation. (There are at least two solutions.)



3. Three matches are on a table. Without adding another, make four out of them. You are not allowed to break the matches.



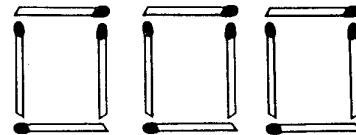
4. Make this roman numeral equation read correctly without touching a match.



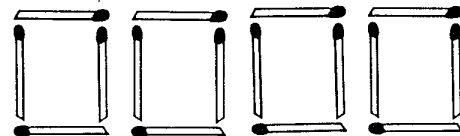
5. From this row of six matches, shift two so as to leave nothing.



6. Here are three squares made of twelve matches. Take away one match and shift two to get one.



7. Make four squares with sixteen matches.



Now remove four matches and shift three to get "what perfect matches are made of."

*You may not realize it when it happens, but a kick in the teeth may be the best thing in the world for you.*

—WALT DISNEY