



Colegio Bilingüe New Horizons

Our Strongest Conviction is Academic Excellence

Accredited by New England Association of Schools and Colleges (NEASC)

Coordinator: Lucy Ramirez // Teacher: Nayiba Batista

Priscilla Garrido, Principal

E-Bulletin

August – October 2012

4th grade

Challenging



Mathematics

CONTENTS

ARITHMETIC:

NUMERATION –

NATURAL NUMBERS:

- Natural numbers to the 1,000,000
- Place Value
- Compare and order
- Expanded Form
- Standard Form
- Number Line
- Rounding

Roman Numerals

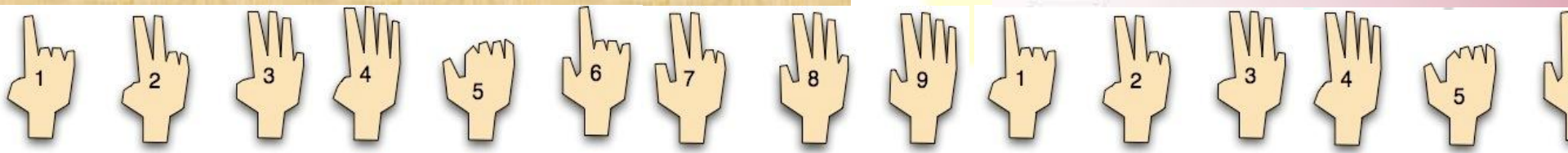
- Symbols*
- Reading and Writing*

billions 1,000,000,000	ten millions 10,000,000	hundred thousands 100,000
hundred millions 100,000,000	millions 1,000,000	ten thousands 10,000
thousands 1,000	tens 10	tenths 0.1
hundreds 100	units 1	hundredths 0.01

$$\begin{array}{r}
 214 \\
 \times 12 \\
 \hline
 8 \leftarrow \\
 20 \leftarrow \\
 400 \leftarrow \\
 40 \leftarrow \\
 100 \leftarrow \\
 2000 \leftarrow \\
 \hline
 2568 \text{ (answer)}
 \end{array}$$

MULTIPLICATION:

- 4 ones x 2 = 8 ones
- 1 tens x 2 = 2 tens
- 2 hundreds x 2 = 4 hundreds
- 4 x 1 tens = 4 tens (40)
- 10 x 1 tens = 10 tens (100)
- 200 x 1 tens = 200 tens (2000)





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ARITHMETIC:

OPERATIONS WITH NATURAL NUMBERS:

Addition and Subtraction:

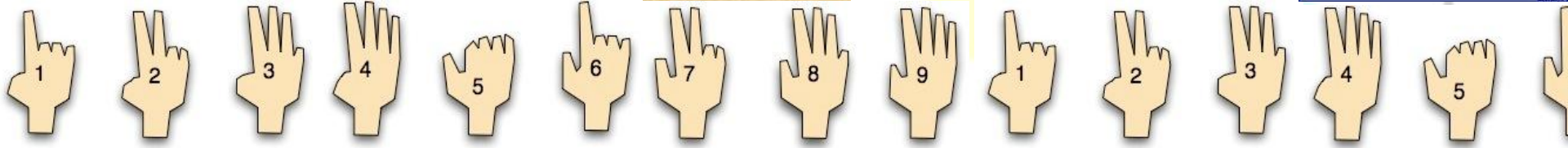
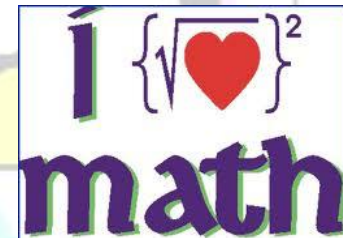
- Addition and Subtraction Terms
- Addition and subtraction up to 6 digits numbers
- Mental Math
- Estimate sums.
- Addition properties: commutative, associative and neutral.
- Word Problems
- *** *Application problems with several steps (including addition and subtraction)*

ROMAN NUMERALS

ARABIC NUMERAL	ROMAN NUMERAL	ARABIC NUMERAL	ROMAN NUMERAL
1	I	20	XX
2	II	30	XXX
3	III	40	XL
4	IV	50	L
5	V	60	LX
6	VI	70	LXX
7	VII	80	LXXX
8	VIII	90	XC
9	IX	100	C
10	X	500	D
		1000	M



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ARITHMETIC:

OPERATIONS WITH NATURAL NUMBERS:

Multiplication of natural numbers

- Multiplication Terms
- Multiplication of one, two and three digit
- Multiples of 10, 100, and 1,000
- Estimate
- Mental Calculation
- Properties of Multiplication: commutative, associative, distributive, identity and absorbent
- Word Problems
- *** *Application problems with several steps (including addition, subtraction and multiplication)*

SONG: ROMAN NUMERALS

http://youtu.be/Kt_NfgQl2hl

SONG: PLACE VALUE

http://www.youtube.com/watch?v=fHFJtqN_vu4&feature=related

VIDEOS: ROUNDING

<http://www.youtube.com/watch?v=bx-XKcgKqzc&feature=relmfu>

<http://www.youtube.com/watch?v=gYUTsUsjogk&feature=relmfu>

