

**1º E.S.O.**

**MATHEMATICS**

**ACTIVITIES**

1.-The numeric system found by Jerry G. P. in Mars used a combination of four symbols. It had a decimal base and allowed for the additive principle. In this notation there was a special sign for every power of ten.

♩ was used to represent units

♪ was used to represent tens

𐀀 was used to represent hundreds

𐀁 was used to represent thousands

Write these numbers in that numeric system.

a) 25

b) 73

c) 99

d) 121

e) 1398

e) 5723

2.-Can you explain the differences between this system from Mars and the decimal system.

3.-Select the correct numbers of ones, tens, hundreds, thousands, ten thousands and hundred thousands.

For example: 17504 → 1 ten thousands, 7 thousands, 5 hundreds and 4 ones

a) 3256

b) 11253

c) 19745

d) 34228

e) 125879

f) 279043

4.-Write these numbers in words.

For example: 203495 is read “two hundred three thousand four hundred ninety-five”

a) 456098

b) 78304

c) 123200

d) 999999

5.-Write the numbers with numbers:

a) Six hundred thirty thousand six.

b) Seven hundred six thousand two hundred thirty.

c) Fifteen thousand four hundred fifty-two.

d) Four hundred ten thousand six hundred.

6.-Compare. Write either < or > in between the numbers.

a) 130659    105099

b) 367496    367482

c) 609056    690045

d) 857102    857066

e) 342577    423577

f) 505677    507755

7.-Using this table to answer the questions to follow it.

Millions	Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones
		1	0	0		
	5	0	0	0	0	
7	0	0				

a) How many hundreds are there in a thousand?

b) How many tens are there in a five hundred thousands?

c) How many ten thousands are there in seven millions?

8.-Round to the nearest thousands:

a) 24963  $\cong$

b) 72803  $\cong$

c)  $55555 \cong$

d)  $40274 \cong$

e)  $39785 \cong$

f)  $99399 \cong$

9.-Hailey is helping her mother get ready for dinner. Her mother asked her to put 3 cherry tomatoes and some grated cheese on each salad. If there are 6 salads, how many cherry tomatoes will she need?

10.-Each pack of gum has 6 cards in it. If Sean bought 5 packs of gum, how many cards could he add to his collection?

11.-Complete this table for each planet:

	Distance (in Km)	Period (in years)	Radius (in Km)	Mass (in Kg)	Temp (in °F)	Surface Gravity (in gs)	My weight (in Kg)
Mercury							
Venus							
Earth							
Mars							
Jupiter							
Saturn							
Uranus							
Neptune							
Pluto							

12.-On which planet have you lived the most years? The fewest?