



PROJECT PIT.AGORA' – PROGRAMME LEONARDO D.V. TOI 2010

Code CUP : G12F10000140006

Data monitoring card - laboratory Egyptians - Primary School

school:..... teacher:.....

class:.....

student:.....

You have learned the way the ancient Egyptians counted.



1. Write the number corresponding to the symbols below. Remember that each of them is ten times the preceding one.

in letters							
in figures							








2. Write the following numbers by using the Egyptian symbols and our system:

	In hieroglyphics	with our numbers
five		
fifty three		
one thousand and ten		
two thousand two hundred twenty two		
one hundred thousands and twenty		
one million and ten thousands		

3. To what number correspond the following symbols?

4. In the following examples some symbols are repeated too many times. Write the numbers in the correct way.





5. Complete by inserting in the central column the appropriate symbol: = , > , < .


	>	

5. Which is the largest number that can be written by using only the symbol  ? Write it below.





Remember that every symbol can be used at most ..... times.

Which is the largest number that can be written by using only the symbols  and  ? Write it

below.



Which is the largest number that can be written by using only the symbols  and  ? Write it



below.



Which is the largest number that can be written by using only the symbols , ,  and  ?



Write it below.



6 .Write in hieroglyphic the result obtained by summing the following couples of numbers:

		result
		


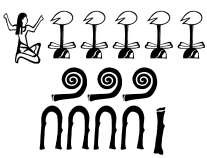
		result
		

		result
		



		result
		



		result
		



		result
--	--	--------



		
---	---	--



7. Write in hieroglyphic the result obtained by subtracting the second number from the first.

		result
		

		result
		

		result
		

		result
		

		result
		

		result

8. Complete the following multiplication:

IIII times NN

I	NN	
II	.....	
IIII	.....	

result: .....

9. Multiply

III times NN

with the Egyptian method.

10. Did you know that there have been different ways of writing numbers and making calculations?

No                      Yes. Which ones? .....

11. With respect to our system of writing numbers, the Egyptian system is

- easier
- funnier
- more complicate
- more boring
- I can read more easily large numbers when written in hyeroglyphics.
- .....

12. With respect to our system of writing numbers, the Egyptian system is better because .....

.....  
.....  
.....

is worst because .....

.....  
.....  
.....  
.....

13. With respect to our methods of computing, the Egyptian system is

- easier
- funnier
- more complicate
- more boring
- safer (it's harder to make mistakes in computing)
- .....

14. In your opinion, in what operations the Egyptian system is better than ours?

- Writing numbers [Yes] [No] because:.....

.....  
.....

- Summing [Yes] [No] because:.....

.....  
.....

- Subtracting [Yes] [No] because:.....

.....  
.....

- Multiplying [Yes] [No] because:.....

.....  
.....

15. Knowing the Egyptian system was useful because (you can check more boxes):

- not at all
- on the contrary, it made me more confused in what I already knew
- I understood better the use of base ten
- I understood better what does it mean representing a number
- I understood the difference between the value of a number and its representation (that can be done in different ways)
- I understood what does it mean that our system of writing numbers is 'positional'
- I understood that there are several ways of making calculations
- I did exercise with mental calculations
- I learned some calculating "tricks"

16. How much did you like this experience? Give a note from 0 to 9:

nothing at all [0] [1] [2] [3] [4] [5] [6] [7] [8] [9] very much

What did you like most? .....

.....  
.....  
.....  
.....  
.....  
.....

What did you like least? .....

.....  
.....  
.....  
.....  
.....  
.....