

# Ancient Egyptian Mathematics

with Mr. Southey

Hello! My name is Harry Southey. I was born in Merthyr and I once owned the Merthyr Express newspaper.
















In 1901, I travelled to Egypt. I love Ancient Egyptian history and I decided to bring many objects back to Merthyr for my fellow townspeople to see. They are all now in Cyfarthfa Castle.

Ancient Egyptian numbers were different to ours. Like hieroglyphics, the Egyptians wrote numbers in symbols and pictures.

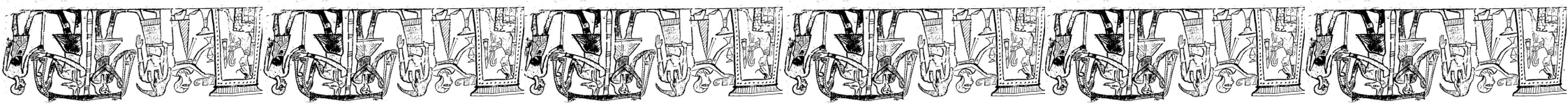
**Lets see if you can do mathematics like the Ancient Egyptians!**



## Ancient Egyptian 'Numbers'

				
1	2	3	4	5
				
6	7	8	9	10
				
100	1000	10,000	100,000	
		1,000,000		





# Adding & Subtracting

Look at the examples and work out the below sums


$$\text{||} + \begin{array}{c} \text{|||} \\ \text{|||} \end{array} = \square$$

$$\text{|} + \text{|||} + \begin{array}{c} \text{|||} \\ \text{|||} \\ \text{|||} \end{array} = \square$$

$$\text{∩} + \begin{array}{c} \text{|||} \\ \text{|||} \end{array} + \text{|||} = \square$$

$$\text{∩} + \text{∩} + \begin{array}{c} \text{|||} \\ \text{||} \end{array} + \text{∩} = \square$$

$$\text{∩} + \text{∩} + \text{||} + \text{|||} = \square$$

 Examples

$$\begin{array}{c} \text{|||} \\ \text{|||} \end{array} + \text{||} = \square \text{ with } 9 \text{ inside}$$

$$\text{∩} - \text{|||} = \square \text{ with } 7 \text{ inside}$$

$$\begin{array}{c} \text{|||} \\ \text{|||} \end{array} - \text{|||} = \square$$

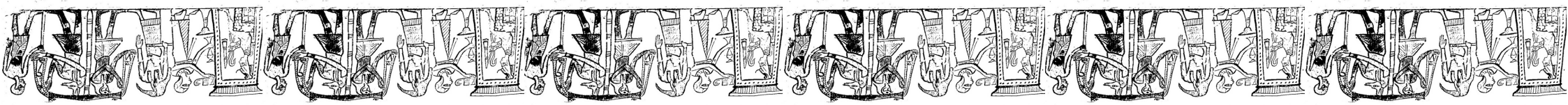
$$\text{∩} - \text{∩} - \begin{array}{c} \text{|||} \\ \text{|||} \end{array} = \square$$

$$\text{∩} - \text{∩} - \text{∩} = \square$$

$$\text{∩} - \text{∩} - \text{∩} - \text{∩} = \square$$


$$\text{∩} - \text{∩} - \text{∩} - \text{∩} - \text{|||} = \square$$











# Translate The Symbols

Look at the example and work out what numbers are below



Example







=

1223





=






=





=






=






=






=







=



=

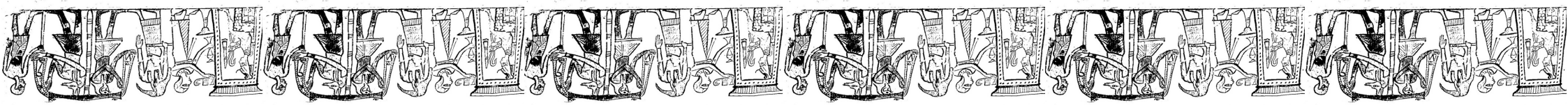







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# Translate The Numbers

Look at the example and change the below numbers to symbols

  
Example

12,110 =     

2200 =



10,210 =



15,500 =



400,000 =



3,000,000 =

