

LO: To answer questions using the Egyptian numeral system

Success Criteria

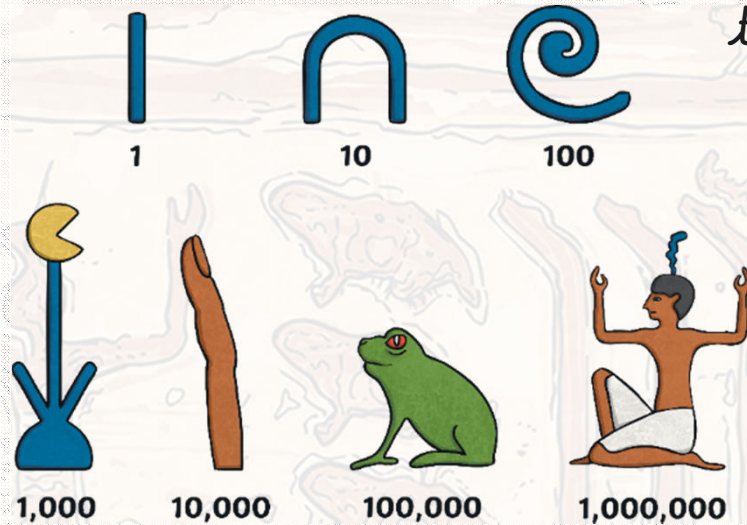
- I can recognise Egyptian numerals.
- I can answer numerical questions



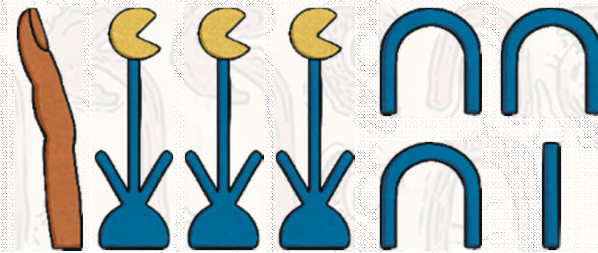
Ancient Egyptian Numerals

Ancient Egyptians wrote using hieroglyphs. Hieroglyphs were also used to write numbers.

They used an additive system of numbers, which means that the values of each hieroglyph are added to obtain the final number.



What number is this?



$$13,031 = 10000 + 3000 + 30 + 1$$



In this image we can see how the Egyptian numeral system works. Can you see it?

When Romans arrived in Egypt, the Egyptian numeral system was abandoned and, to the great relief of the scribes (the people who wrote and copied documents), the Roman numeral system was adopted.

Yet, as we have seen, the Romans did not use the number zero or negative numbers.

Up until 2000 BC, Egyptians did not use the number zero either.

They invented the number zero along with negative numbers for architectural purposes, especially to build the great pyramids.










The pyramids of Khufu, Khafre and Menkaure.

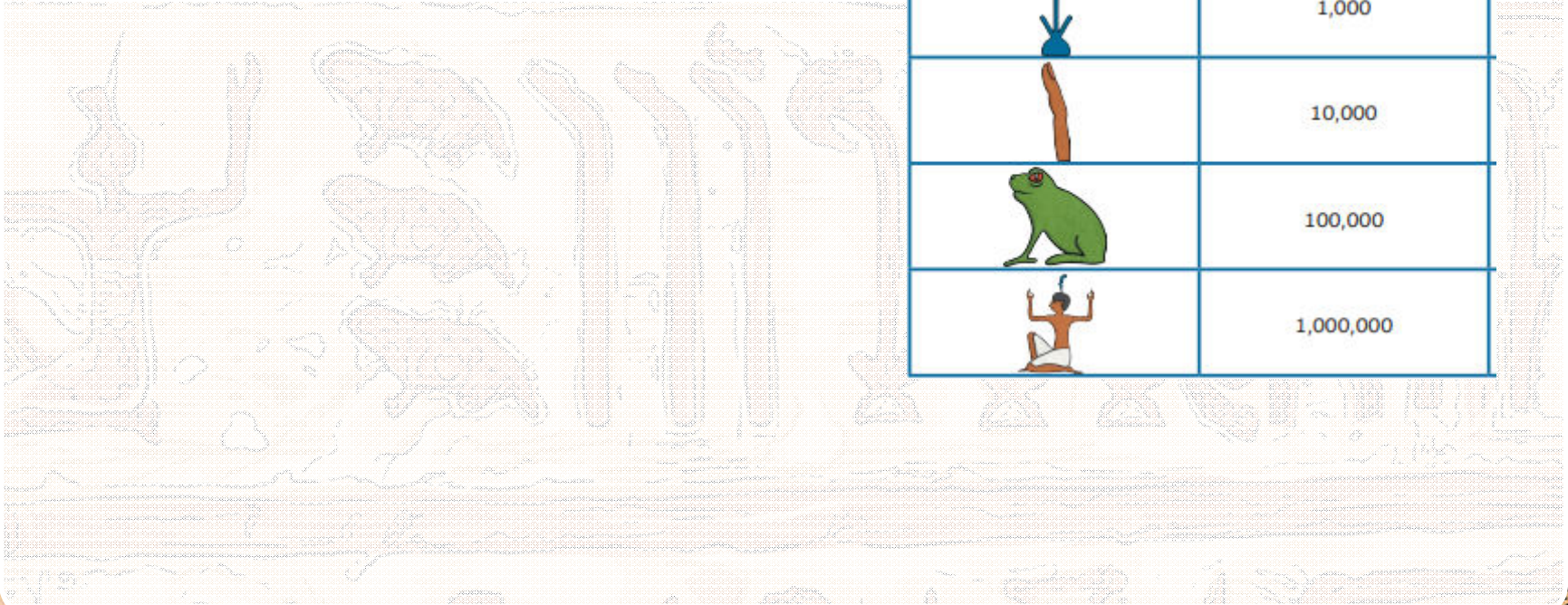
Translate and solve the ancient Egyptian calculations.

$$| | + \cap =$$

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	1
	10
	100
	1,000
	10,000
	100,000
	1,000,000



Arrange the ancient Egyptian numbers in size order, from smallest to largest.

⊖|| , ∩|| , ||||| , ∩∩||

Complete the ancient Egyptian number sequence.

∩ , ∩∩ , _____ , ∩∩∩∩ , _____



∩	1
∩∩	10
⊖	100
∩	1,000
∩	10,000
∩	100,000
∩	1,000,000

Main Task

Using the guide sheet, complete the Egyptian numeral sums.

LO: To learn the Egyptian numeral system

Match the numbers to the correct ancient Egyptian symbol.

1 5 10 100 1000



Write the numbers using ancient Egyptian symbols.

6 12 20 120 600

Translate the ancient Egyptian numbers.



Translate and solve the ancient Egyptian calculations.

$$\begin{aligned} \text{II} \cdot \text{n} &= \\ \text{mi} \cdot \text{n} &= \\ \text{mm} \cdot \text{n} &= \end{aligned}$$

Arrange the ancient Egyptian numbers in size order, from smallest to largest.



Complete the ancient Egyptian number sequence.



LO: To learn the Egyptian numeral system

Match the numbers to the correct ancient Egyptian symbols.

60
150
8
10 001
1200



Write the numbers using ancient Egyptian symbols.

50 1521
260 10 100
444

Translate the ancient Egyptian numbers.



Translate and solve the ancient Egyptian calculations.

$$\begin{aligned} \text{miI} + \text{nm} &= \\ \text{een} \cdot \text{n} &= \\ \text{eeen} \cdot \text{ee} &= \end{aligned}$$

Arrange the ancient Egyptian numbers in size order, from smallest to largest.



Complete the ancient Egyptian number sequences.



LO: To learn the Egyptian numeral system

Match the numbers to the correct ancient Egyptian symbols.

1 111 111
10 001
50
100 005
95
1489
132



Write the numbers using ancient Egyptian symbols.

20 1562
230 10 400
439

Translate the ancient Egyptian numbers.



Translate and solve the ancient Egyptian calculations.

$$\begin{aligned} \text{emII} \cdot \text{enee} &= \\ \text{eem} \cdot \text{mm} &= \\ \text{eeem} \cdot \text{I} &= \end{aligned}$$

Arrange the ancient Egyptian numbers in size order, from smallest to largest.



Complete the ancient Egyptian number sequences.





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