








Name:

## More with the Egyptian Numeration System

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Recall, the Egyptian symbols are as follows:

Symbol	Value
	<b>1</b>
	<b>10</b>
	<b>100</b>
	<b>1,000</b>
	<b>10,000</b>
	<b>100,000</b>
	<b>1,000,000</b>

1. Compare the similarities and the differences between writing 876 in our base-ten numeration system and in the Egyptian numeration system.

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2. Egyptian Sums: Here are some different addition problems. Find the sums. Try to do your work and record your answers in the *Egyptian numeration system only*. Then, check your answers using our base-ten system.

$$\text{||||} + \text{|||||} = \underline{\hspace{2cm}}$$

$$\text{⤵|||||} + \text{⤵⤵||} = \underline{\hspace{2cm}}$$

$$\text{⤵⤵||||} + \text{⤵⤵⤵⤵|||||} = \underline{\hspace{2cm}}$$

$$\begin{array}{r} \text{⊙⊙⊙⤵⤵⤵|||} \\ + \text{⊙⤵⤵|||} \\ \hline \end{array}$$

$$\begin{array}{r} \text{⊙⤵⤵⤵⤵⤵⤵|||} \\ + \text{⊙⊙⤵⤵⤵⤵|||} \\ \hline \end{array}$$

3. Egyptian Differences: Here are some different subtraction problems. Find the differences. Try to do your work and record your answers *in the Egyptian numeration system only*. Then, check your answers using our base-ten system.

$$\text{⤵⤵⤵⤵|||} - \text{⤵⤵||} = \underline{\hspace{2cm}}$$

$$\text{⤵⤵} - \text{|||} = \underline{\hspace{2cm}}$$

$$\text{🐸⤵} - \text{🐸⤵} = \underline{\hspace{2cm}}$$

$$\text{👉👉⊙⊙|||} - \text{👉⤵⤵⤵⤵⤵|||} = \underline{\hspace{2cm}}$$

$$\text{⊙⊙⊙⤵|||} - \text{⊙⤵⤵⤵|||} = \underline{\hspace{2cm}}$$

$$\begin{array}{r} \text{⊙⊙⊙⤵⤵⤵⤵} \\ - \text{⊙⤵⤵⤵⤵|||} \\ \hline \end{array}$$

$$\text{|||} - \text{👉👉⊙⤵⤵} = \underline{\hspace{2cm}}$$

