

Go to http://illuminations.nctm.org/index_o.aspx?id=41

Read Lessons 1-7.

Tell what concept is being developed in each lesson.

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.

Watch Video 2.

Click on Resources -> Early-Number Interview

Determine the meaning of the operation for each question 1-12

1.	2.	3.
4.	5.	6.
7.	8.	9.
10.	11.	12.

Use the Virtual Disk to do the Operations in base 5

$$\begin{array}{r} 241 \\ + 24 \\ \hline \end{array}$$

$$\begin{array}{r} 441 \\ + 11 \\ \hline \end{array}$$

$$\begin{array}{r} 444 \\ + 222 \\ \hline \end{array}$$

$$\begin{array}{r} 214 \\ + 441 \\ \hline \end{array}$$

$$\begin{array}{r} 444 \\ + 111 \\ \hline \end{array}$$

$$\begin{array}{r} 441 \\ - 201 \\ \hline \end{array}$$

$$\begin{array}{r} 444 \\ - 404 \\ \hline \end{array}$$

$$\begin{array}{r} 444 \\ - 222 \\ \hline \end{array}$$

$$\begin{array}{r} 4000 \\ - 24 \\ \hline \end{array}$$

$$\begin{array}{r} 401 \\ - 44 \\ \hline \end{array}$$

Check the subtraction using the missing addend meaning of subtraction.

Complete the base 4 Addition Table.

\pm	<u>0</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>10</u>
<u>0</u>					
<u>1</u>					
<u>2</u>					
<u>3</u>					
<u>10</u>					

What patterns do you see?