

Name _____

1. Interview a child as to their understanding of number.
2. Write 16. Ask several children what the 6 in 16 means.

3. Fill in the chart with yes or no.

Relationship	Reflexive	Symmetric	Transitive
You are my sibling			
Is greater than or equal to			
Is fewer than			
Has the same birthday			

4. Represent 2005 in Egyptian Numerals.

5. Represent 135 by sketching:

Sticks

Base Ten Blocks

Our classroom abaci

6. Show 135 in a non-standard form in each of the above models.

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.Comparison Model of subtraction and counting backwards

2.Comparison Model

3.Numberline model as difference

4.Numberline and missing addend

5.Missing Addend ,Family of facts

6.Missing addend

7. All meanings

Watch Video 2.

Click on Resources -> Early-Number Interview

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

1.Number concept	2.number concept	3.number concept
4.Combining sets addition.	5. Combining sets addition.	6.Take away subtraction
7.Missing addend subtraction	8.Comparison Subtraction	9.Partitioning Subtraction.
10.Missing addend	11.Missing addend Subtraction	12. Comparison Subtraction

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.

<u>±</u>	<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?