$$
\begin{aligned}
& 3,200,000=3 \times 10^{76} \\
& \checkmark 625=600+20+5 \\
& V 4=4 \\
& 15,642=5 \times 1000+600+10+20 \\
&+10+2
\end{aligned}
$$

| K What do you KNOW? what | do you WANT to know? | what have you LEARNED? |  |
| :---: | :---: | :---: | :---: |
|  |  |  |  |

What ways can you represent numbers? (use pictures and words as well as numbers) Use all operations.
24
123
84
50 150 180
63

## MATH INQUIRY!!!

How can you prove the following using pictures and words but not multiplication or division facts?
-SHow that 36 is a common multiple of 3 and 6
-If 60 is divisible by 2 and 3 it must be divisible by 6
-If 15 is a factor of a number so is 5
-45 is a common multiple of 5 and 9

-36 is a common multiple of 3 and 6

$$
\begin{aligned}
& \text { 000 } \\
& 000 \\
& 000 \\
& 000 \\
& 000 \\
& 000 \\
& 000 \\
& 000 \\
& 000 \\
& 6 \text { groups of } \\
& 3 \text { is } 18
\end{aligned}
$$

-If 60 is divisible by 2 and 3 it must be divisible by 6


60 is 10 groups of 6 and each goup of 6 can be divided into groups of 2 and 3
-If 15 is a factor of a number so is 5

$$
\begin{array}{cc}
00000 & 15 \text { is } 3 \text { groups } \\
00000 & \text { of } 5 \text { so all } \\
00000 & \text { groups of } 15 \\
& \text { will he divisible by }
\end{array}
$$

-45 is a common multiple of 5 and 9

