



NAME _____

DATE _____

ADDITION OR SUBTRACTION

Relate manipulative representation to the addition algorithm.

- 1) Solve the following problems using any method check your work with the vertical method and number disks.

By arrow way:

$315 + 93$

$$315 \xrightarrow{+10} \underline{\quad} \xrightarrow{\quad} 335 \xrightarrow{+10} \underline{\quad} \xrightarrow{\quad} 355 \xrightarrow{+10} \underline{\quad} \xrightarrow{\quad} 375$$

$$\xrightarrow{+10} \underline{\quad} \xrightarrow{\quad} 395 \xrightarrow{+10} \underline{\quad} \xrightarrow{\quad} 408$$

Check by vertical method:

H	T	O
3	1	5
	9	3

10 tens = 1 hundred.

Check with number disks:

H	T	O
3	1	5

+

H	T	O
	9	3

=

H	T	O

10 tens = 1 hundred.