



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:

$$216 + 192$$

$$216 \xrightarrow{+100} \underline{\quad} \xrightarrow{\quad} 326 \xrightarrow{+10} \underline{\quad} \xrightarrow{\quad} 346 \xrightarrow{+10} \underline{\quad} \xrightarrow{\quad} 366$$

$$\xrightarrow{+10} \underline{\quad} \xrightarrow{\quad} 386 \xrightarrow{+10} \underline{\quad} \xrightarrow{\quad} 406 \xrightarrow{+2} \underline{\quad}$$

Check by vertical method:

H	T	O
2	1	6
1	9	2
	0	8

10 tens = 1 hundred.

Check with number disks:

H	T	O
2	1	6

+

H	T	O
1	9	2

=

H	T	O

10 tens = 1 hundred.