



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:

$222 + 687$

$$\begin{array}{l}
 222 \xrightarrow{+100} 322 \xrightarrow{+100} \underline{\quad} \xrightarrow{+100} 522 \xrightarrow{+100} \underline{\quad} \xrightarrow{+100} 722 \xrightarrow{+100} \underline{\quad} \\
 \xrightarrow{+10} 832 \xrightarrow{+10} \underline{\quad} \xrightarrow{+10} 852 \xrightarrow{+10} \underline{\quad} \xrightarrow{+10} 872 \xrightarrow{+10} \underline{\quad} \\
 \xrightarrow{+10} 892 \xrightarrow{+10} \underline{\quad} \xrightarrow{+7} 909
 \end{array}$$

Check by vertical method:

H	T	O
2	2	2
6	8	7

10 tens = ___ hundred.

Check with number disks:

H	T	O
2	2	2

+

H	T	O
6	8	7

=

H	T	O

10 ones = 1 hundred.