

#12 Date _____

Addition & Subtraction Algorithm:

1. Stack the numbers, making sure they are lined up by place value.
2. Add/sub the smallest place value. (**regroup if necessary**)
3. Add/sub the next smallest place value column. (**regroup if necessary**)
4. Continue adding columns from smallest place value to largest, regrouping where necessary.

$$\begin{array}{r} 29 \\ + 34 \\ \hline \end{array}$$

9 ones plus 4 ones is 13 ones. Too many!

Move ten of them to the TENS column.

Three ones remain in the ones column.

Next, add the tens column.

63

$$\begin{array}{r} 45 \\ + 28 \\ \hline \end{array}$$

$$\begin{array}{r} 27 \\ + 17 \\ \hline \end{array}$$

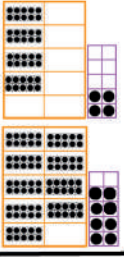
$$\begin{array}{r} 16 \\ + 77 \\ \hline \end{array}$$

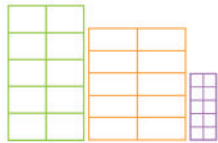
$$\begin{array}{r} 55 \\ + 35 \\ \hline \end{array}$$

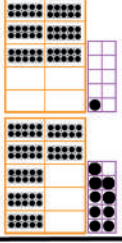
$$\begin{array}{r} 38 \\ + 32 \\ \hline \end{array}$$

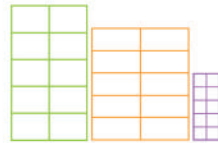
Fill in the empty boxes below.

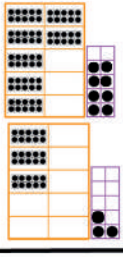
	ten less			ten less			ten less			
one less	83	one more	ten less	one less	125	one more	ten less	one less	314	one more
	ten more		one less	one more	ten more	one less	one more	ten more		
			254				118			
			ten more				ten more			

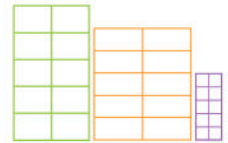
$$\begin{array}{r} 44 \\ + 98 \\ \hline \end{array}$$




$$\begin{array}{r} 61 \\ + 79 \\ \hline \end{array}$$




$$\begin{array}{r} 78 \\ + 33 \\ \hline \end{array}$$




Use base ten blocks (or craft sticks) to solve the following problems.

$$\begin{array}{r} 31 \\ + 52 \\ \hline \end{array}$$

$$\begin{array}{r} 68 \\ + 20 \\ \hline \end{array}$$

$$\begin{array}{r} 63 \\ + 29 \\ \hline \end{array}$$

$$\begin{array}{r} 74 \\ + 17 \\ \hline \end{array}$$

$$\begin{array}{r} 85 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 51 \\ + 19 \\ \hline \end{array}$$

$$\begin{array}{r} 47 \\ + 30 \\ \hline \end{array}$$

$$\begin{array}{r} 18 \\ + 71 \\ \hline \end{array}$$

$$\begin{array}{r} 25 \\ + 59 \\ \hline \end{array}$$

$$\begin{array}{r} 68 \\ + 31 \\ \hline \end{array}$$

Draw lines to match the numbers across all three columns.

ten	519	(300) + (60) + (2)
two hundred twenty-three	100	(1)
five hundred nineteen	223	(100)
one hundred	10	(300) + (40) + (1)
three hundred sixty-two	341	(200) + (20) + (3)
three hundred forty-one	1	(10)
one	362	(500) + (10) + (9)
		23