Math Puzzler #31

Due 5-14-16

Name _____

Hour_____

Date_____

1. Almost anyone should be able to show that the following equation is not true:

$$1 + 2 + 3 + 4 + 5 + 6 + 7 + 8 + 9 = 100$$

Using only + and - signs, change the grouping of the numbers on the left side to find two answers that equal 100, **without** changing the order of the digits. This example below does not equal 100, but it gives you an idea about how you can group the numbers.

$123 + 4 - 5 - 67 + 89 \neq 100$ (your answers should equal 100)

2. Below is a strange multiplication table. Figure out the pattern and finish the table.

0	1	2	3	4	5	6
1	1		3		1	
2	2		2			
3		2		0	3	
4	0		0			0
5	1		3			
6				0		0