

## All-Day Sprint: Stingy Square College of Charleston Math Meet 2011

- ◆ The answers we have in mind for the questions below are all 6 digit numbers.
- ◆ However, because of the recession and budget cuts, we do not have enough room for you to write the answer to each question separately. Instead, you will write your answers in the grid below, one digit per box, and each digit will be used in two different 6 digit numbers (one horizontal and one vertical).
- ◆ After you've entered the first three digits of a horizontal answer, flip the paper over right-to-left so that your answer wraps around the *right* side onto the back. But, after writing in the first three digits of a vertical answer, you should flip the paper bottom-to-top so that your answer wraps around the *bottom* onto the back!
- ◆ As you will see, you may want to be picky about the way you choose to write the digits. That is, you might want to use a "font" for which the number one looks like "1" and not "1".

### Clues:

- A) A multiple of 188367.  
 B) The fifth digit from the left is three-halves of the second digit from the left.  
 C) The sum of the digits is 25.
- a) 440 more than a perfect power of 9.  
 b) Evenly divisible by 1259.  
 c) The number 195457 written in a base other than base 10.

	a	b	c
A			
B			
C			
