

# Blatant Propaganda

## All-Day Sprint

### Math Meet 2006

#### Directions

---

Fill in the blanks below with the appropriate numbers from this list. Note that no number is used more than once and that there are two extra numbers provided:

0, 1, 2, 6,  $4\sqrt{5}$ , 16, 101, 1770, 1785, 1970, 1992, 2000, 2007, 9800, 140000, 30 million

#### Fill In the Blanks

---

What do you know about the College of Charleston? Many people think they know the College, but much of what people think they know is actually wrong.

For instance, everyone knows that the College was founded in 1770, because that is the date in our seal. However, this is a bit misleading. In fact, because the War of Independence intervened, the College was not even officially chartered until 1785. The College of Charleston is now part of the South Carolina State College System – just like Clemson and USC – but this did not happen until 1970!

And many people still believe that the College of Charleston is a small school or that we only offer undergraduate degrees. Well, both of these things were true at one point. The original class was made up of only a dozen Charlestonians and the College did not start offering graduate degrees until 1992. But, we now have about 9800 undergraduates and more than 2000 graduate students!

Another misconception is that because we call ourselves a “liberal arts university”, that the only programs of study here are subjects like literature and art. Actually, “liberal arts” means that we make sure that all of our students learn a little bit of everything, producing well rounded students regardless of their choice of major. For instance, all students regardless of their major are required to take at least 6 credits (about two semesters) of mathematics at the college level. Our programs in areas like science, education and business are very strong. For instance, did you know that if you listed all of the undergraduate physics departments in the country in order by the number of students who graduate each year (so that the first would be the one with the most physics graduates and so on), the College of Charleston would be tied for number 2! And, the professors here are not just great teachers, they are also active researchers in their areas of expertise. For instance, according to the MathSciNet online database of math research publications, the faculty in the math department have produced 101 publications in the last five years (like *Gauss sums and multinomial coefficients* in the Journal of Number Theory by Paul Young and  *$\mathcal{R}$ -Branched Surfaces* in the Pacific Journal of Mathematics by Sandra Shields.)

And the fact that we are an old institution does not mean that we are stuck in the past either. Both physically and academically we continue to grow and innovate. For instance, while you're on campus, be sure to check out our new library which cost \$ 30 million to construct. Its total floorspace of 140000 square feet is approximately the same size as 3 football fields. And learn about our new degree program in Discovery Informatics – a cutting edge combination of math, computer science and other academic disciplines. This is an exciting new field, the next big boom industry, in which the number of jobs far exceeds the number of qualified people. So, how many schools are there in the US offering undergraduate degrees in this hot new field? Only 1. That's right, if you want to get a Bachelor's degree in Discovery Informatics, C of C is literally the only place to go! Although this is the first year, we already have 16 students in the DI program.

There are lots of other important things I could tell you about the College, like that our basketball team ranked in the Associated Press Top 25 Poll twice in the last decade or that our zip code is 29424 – but I think I've taken up enough of your time with this blatant propaganda. We hope you're enjoying yourself at the 29th annual C of C Math Meet and hope to see you again in 2007.