

**2004 All-Day Sprint: Title Scramble**  
**School Code: \_\_\_\_\_ School Name: \_\_\_\_\_**

This Sprint should be completed by students without any adult assistance. Only one answer form should be turned in by each school. This is just a worksheet on which you can scribble while you work out the answers. Be sure to turn in the YELLOW answer sheet before 2:00 in the box in room 208 Maybank.

I was going to try to impress all of the Math Meet participants with a list of just a few of the recent research publications from College of Charleston math professors. However, because of a *bug* in the software, I'm afraid that *one word in each title* has become *scrambled*! Please find the scrambled word in each title, cross it out, and write the correct *unscrambled* word above it. (You will note that some of the words in the titles are unknown to you. Fortunately, I think all of the scrambled words are words you would recognize as mathematical.)

1. **Convolutions for special classes of harmonic univalent continufs**  
OP Ahuja, JM Jahangiri, and H Silverman  
*Appl. Math. Lett.* 16 (2003), no. 6, 905–909.
2. **Stop rule and supremum comparisons for i.i.d. sceneques of exponential and uniform random variables**  
I Castillo and ML Jones  
*Stochastic Anal. Appl.* 19 (2001), no. 2, 197–206.
3. **Homoclinic ashoc increases the likelihood of rogue wave formation**  
A Calini and CM Schober  
*Phys. Lett. A* 298 (2002), no. 5-6, 335–349.
4. **Finite canonical commutation relations and the tarniloa nested Bethe ansatz**  
A Kasman  
*Regul. Chaotic Dyn.* 6 (2001), no. 2, 211–214.
5. **Eisenstein's lemma and actaquird reciprocity for Jacobi symbols**  
B Tangedal  
*Math. Mag.* 73 (2000), no. 2, 130–134.
6. **Applications of nonstandard analysis in davidite number theory**  
R Jin  
*Bull. Symbolic Logic* 6 (2000), no. 3, 331–341.
7. **An esrevni problem from sub-Riemannian geometry**  
TA Ivey  
*Pacific J. Math.* 208 (2003), no. 1, 111–124
8. **Favard's interpolation problem in one or more balarvies**  
T Kunkle  
*Constr. Approx.* 18 (2002), no. 4, 467–478
9. **Linear codes through Latin quesars modulo  $n$**   
D Sarvate and L Strehl  
*Bull. Inst. Combin. Appl.* 37 (2003), 73–81