

**MTH 316 NONPARAMETRIC STATISTICS**  
**Homework #0 (Due Thursday, August 29)**

1. Do you have any questions or comments about MTH 316 or about statistics in general?
2. Please write something about yourself (e.g., interests, hobbies) that will help me remember you.
3. Outside of the classroom, roughly how many hours per week do you plan on studying for this course?
4. If  $\bar{x} = \sum_{i=1}^n x_i/n$ , then show that  $\sum_{i=1}^n (x_i - \bar{x}) = 0$ .
5. Using R, find the value of  $\sqrt{\pi r^2}$  where  $r = 10.5$ .