

EXS 201 Statistics in Exercise Science

Practice Problems

Name \_\_\_\_\_

Directions: **Diagram each** of the problems below on a normal curve and show *all* the calculations used to arrive at the answers. **Circle** your answers. Please express your answers out to two decimal places.

1. What percent of scores lie between the mean and a z-score of +1.62?
  
  
  
  
  
  
  
  
  
2. What percent of scores lie above a z-score of 1.24?
  
  
  
  
  
  
  
  
  
3. What percent of the scores fall between a z-score of -1.21 and 2.06?
  
  
  
  
  
  
  
  
  
4. What percent of scores are below a z-score of -.87?
  
  
  
  
  
  
  
  
  
5. What percent of scores lie below a z-score of + 1.97?