1. An item that was selling for $72.00 is reduced to $60.00. Find the percent decrease in price. Round your answer to the nearest tenth.

2. A baseball team had 80 players show up for tryouts last year and this year had 96 players show up for tryouts. Find the percent increase in players from last year to this year.

3. At a student council meeting, there was a total of 60 students present. Of those students, 35 were female.
   a. By what percent is the number of females greater than the number of males?
   b. By what percent is the number of males less than the number of females?
   c. Why is the percent increase and percent decrease in parts (a) and (b) different?

4. Ken said that he is going to reduce the number of calories that he eats during the day. Ken’s trainer asked him to start off small and reduce the number of calories by no more than 7%. Ken estimated and consumed 2,200 calories per day instead of his normal 2,500 calories per day until his next visit with the trainer. Did Ken reduce his calorie intake by no more than 7%? Justify your answer.