Math 361 Quiz 1

1. You want to know what people in your small town think about getting news business into town. You decide to go to WalMart and ask folks coming out what they think. You position yourself at the exit and ask folks. You decide Tuesday and Wednesday mornings this week from 8-11am is when you will go ask folks. Can you think of any issues with this? Is there any bias?
2. You are making biscuits and want to know if there is a difference in how high the biscuits rise and if the brand of flour and the kind of milk matter (skim, 1% or whole milk). How would you go about setting this up? Could there be interaction? If so, what would that mean?
3. Why do we want percentages on our pie charts?
4. What is the point of a stacked bar chart?