**Calculating Means Practice**

Show work for all problems

1. Calculate the mean age of people watching the track meet from this list: 13, 18, 13, 14, 16, 14, 21, 13
2. You distributed a survey that asked students’ opinions about a healthy lunch option. For one item, students responded to, “The lunch was delicious,” on a 5 point scale where a 1 = Strongly Disagree, 2 = Disagree, 3 = Neutral, 4 = Agree, and 5 = Strongly Agree. Calculate the mean of the responses and determine if students thought lunch was delicious: 1, 2, 4, 5, 3, 2, 1, 1, 1, 3, 3, 3.
3. You run a small cookie baking business after school. Each week, you record the amount of money you made (profit) or lost (loss) in your business. Calculate the mean profit or loss for the following weeks’ profit or loss (in dollars) and describe if that number is good or bad for your business: -8, 9, 10, -10, 10, 11, -9, 12, 13, -13, 4
4. You have taken five exams in your history class since the beginning of the semester and scored: 87, 95, 76, 88, and 79. Calculate the mean to determine your current grade. You took an exam today and you think you earned a 72 on it. What will that do to your grade?