Math 123 Fall 2023 Dr. Lily Yen

Assignment 4

Show all your work

Name:		
Number:		
Signature:		
Score:	/17	

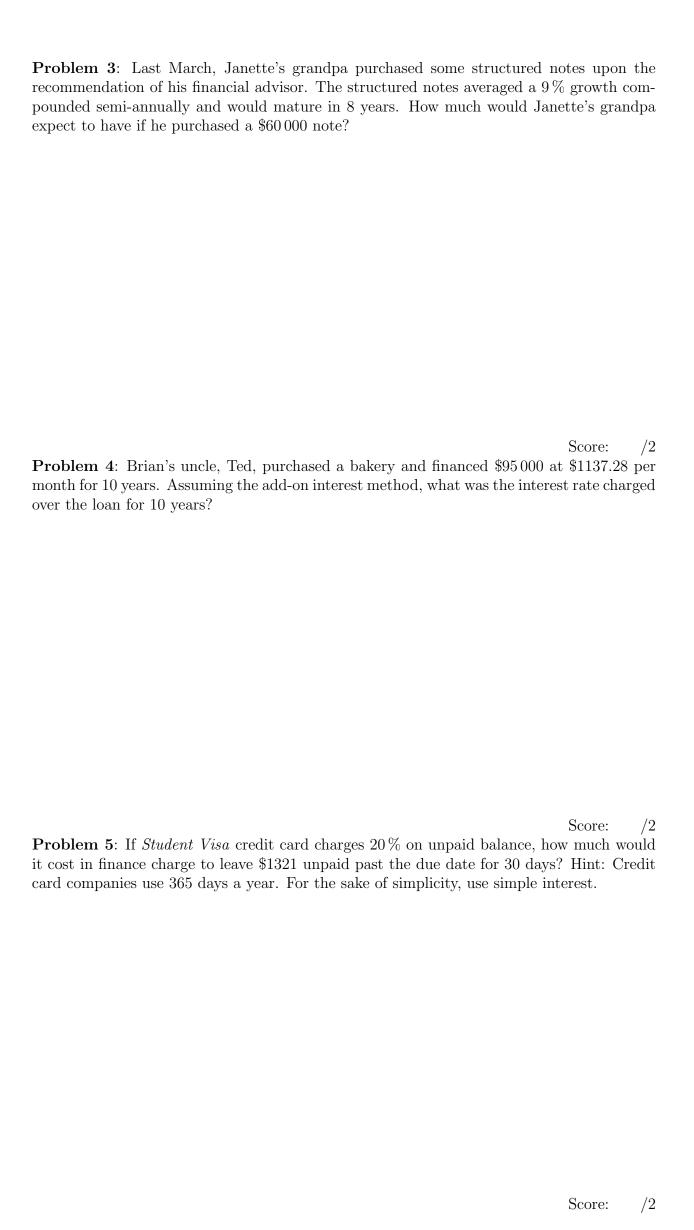
Problem 1: Answer the questions. Write out steps for each. One mark per part except the last part is two marks.

- a. Convert the fraction four and three fifths into a percent.
- b. Find 88% of 350.
- c. Brian wants to share 11 popsicles out of a box of 25 with his friends. What percentage of his box of popsicles does he want to share?
- d. If Janette finds in her closet 10 % of her shoes are Hunters rubber boots, and she counts 2 pairs of Hunters, how many pairs of shoes does she have in her closet?
- e. David's family attended a concert in the Orpheum in October this year. For the family dinner before Wynton Marsalis's concert, David's father paid \$32 local service tax, which is a 12 % tax in BC. What was the dollar amount for just their food cost before tip and taxes?

Score: /6

Problem 2: Solve for the indicated variable.

- a. Solve for n in $m = \frac{P+I}{n}$
- b. Solve for x in $(5)^x = 456$. Provide accuracy to two decimal places.
- c. Solve for *m* in $A = P(1 + r/m)^{15}$



Page 2 Math 123