

Math 123-01
Fall 2025
Dr. Lily Yen

Assignment 4

Show all your work

Name: _____
Number: _____
Signature: _____
Score: ____/10

Problem 1: Answer each question to two decimal place accuracy when appropriate. Write out steps for each.

a. Find 215 % of 60.

b. Convert the fraction *seventeen eighths* into a percent.

c. What fraction of 250 is 380? Simplify to lowest terms.

d. 18 is 2 % of what number?

e. When you pay a 55-dollar monthly cellphone/data package, how much in taxes do you need to pay? Hint: We have a 5 % GST and 7 % PST.

Score: ____/5

Problem 2: Janette wants to save for a new pair of winter boots ticketed in a store for \$200. What is the least amount of money she needs to bring to the store to pay for the boots?

Score: ____/1

Problem 3: Brian’s grandmother invests \$70 000 at a rate of 3.45 % compounded biweekly. How much would she have in 10 years?

Score: ____/2

Problem 4: David needs to decide which of the following two investment options is better: an annual interest rate of 3.35 % compounded monthly or an annual interest rate of 3.2 % compounded daily. Show all calculation which leads to your conclusion.

Score: ____/2