

Math 123-02
Spring 2026
Dr. Lily Yen

Quiz Four

Show all your work

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

Problem 1: Answer the questions. Write out steps for each; provide a two-decimal place accuracy when appropriate. One mark per part except two marks for the last part.

a. Convert the fraction *two and one fifth* into a percent.

b. Find 5% of 60.

c. Katharina wants to donate 12 stuffed animals out of a collection of 240. What percentage of her stuffed animals is left for herself?

d. Janette bought a pair of snowshoes for \$97.86, including tax. Suppose BC has a 12% combined taxes, find the ticket price of Janette's pair of snowshoes before taxes.

Score: /4

Problem 2: Brian's family plans to attend *La Bohème* this spring at the QE theatre. For the family dinner before the concert, Brian's grandmother budgets \$400, to include food cost, taxes, and a 15% tip. What is she going to pay for taxes and tip from the \$400 budgeted amount? Assume a 12% service tax.

Score: /3

Problem 3: David's friend, Tom, purchased a yacht and financed \$60 000 at \$2800 per month for 30 months. Assuming the add-on interest method, what was the amount of interest paid over 30 months? Find the annual interest rate charged on the loan.

Score: /3