

Quiz 4
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 *twenty-five eighths* into a percent.

b. Find 13 % of 500.

c. Janette wants to buy 5 bags of Halloween candy priced at \$10 each. With BC’s 12 % combined tax on candy, how much does Janette need to pay in total?

d. Out of Brian’s collection of books, 20 % is comics. If Brian has 52 comic books, how many of his books are NOT comics?

e. David treated his mother to a Mother’s Day Brunch at Queen Elizabeth’s Theatre’s Browns Social House. He saved \$100 for this occasion to cover a 15 % tip and a 12 % service tax. What was the maximum they could order to stay within his budget of \$100?

Score: ____/5

Problem 2: Brian’s grandmother is offered by her bank three options for a \$10 000 guaranteed investment certificate (GIC):

- a. 3.5 % compounded weekly.
- b. 3.65 % compounded semi-annually; or
- c. 3.59 % compounded monthly.

Compute the interest after one year in each case and decide which option earns Janette’s grandmother the most. (Use 52 weeks per year.)

Score: ____/5