Math 10-3 Unit 1 Bonus Sheet 4

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Leo is a self-employed plumber. One month, his plumbing business had three contracts for $2500.00, $7000.00, and $275.00. The cost of Leo’s expenses and materials to complete these contracts was $7200.00. a) How much did Leo earn an hour based on a 40-hour work week?
2. William is a salesperson at an electrical supply company. He earns a base salary of $24 000.00 a year plus a commission of 12% on electrical supplies such as wire, switches, and fixtures. If William aims to earn a total of $32 000.00 a year, how many dollars’ worth of electrical supplies will he need to sell?
3. Layla works as a barista, someone who makes and serves coffee in a specialty coffee shop. She earns the minimum wage of $8.00 an hour, as well as an equal share of any tips that customers leave in a jar by the till.
   1. Develop a formula to figure out Layla’s gross earnings in a shift, including tips
   2. During Layla’s 6-hour shift, the total in tips is $53.62. There are three people working at the time. Layla determines that she earned $68.21 for that shift. Is she correct?