Math 10-3 Unit 1 Bonus Sheet 3

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

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

1. A roofer buys metal roofing at a builder’s discount of 20% off the retail price of $27.50 per square metre. Omit the taxes in your calculations
   1. If the roof of your house is 74 square metres and the roofer passes on 50% of the discount he receives to you, how much will you pay for the materials?
   2. If his usual hourly rate for labour is $36.00 and he gives you a 5% discount, how much will you save in labour costs if the job takes 16 hours?.
2. Pole mount industrial fans are on sale at two wholesalers in Cochrane, Alberta. An electrician needs 20 fans for installation in an office building. The sale price at the first store is 5% off the regular price of $157.00. The price at the second store is $165.00 each, but $149.00 for 10 or more. GST applies.
   1. Calculate the total cost of 20 fans at each store.
   2. Which wholesaler offers a better buy?
3. A storewide sale in Yellowknife advertises the following sales items: A shirt that was $31.99 is marked down to $19.99. Shorts that were $24.95 are marked down to $16.95. A jacket that was priced at $49.99 is marked down to $24.99.
   1. Calculate what percentage of markdown each item has been given.
   2. If a customer bought all 3 items, how much would he or she save in total?
   3. On which item would the customer save the most?