Assignment 1

Question 1

Download the file "Store Sales 2011.txt". Use the data in this file for the remainder of the assignment. Note that the date in the file is in the mm/dd/yyyy format, so while reading it into Excel please be vary of that.

1. The format used in the "Store Sales 2011.txt" file is:

**Answer: Comma delimited**

2. Question 2

Import the file into Excel using the correct file format from the previous question. How many rows of data does the file contain?

**Answer: 2003**

3. Sort the data by Order Date (oldest to newest) and then

by Order Quantity (largest to smallest).

After the data is sorted, what is the Order ID of the order in the 3rd row of data (i.e. spreadsheet row 4)?

**Answer: 40225**

4. Using cell references, how could you calculate the unit price of the order in the first row of data?

Answer: **Sales divided by order quantity; =E2/D2**

5. Insert a new column to the right of the “Sales” column, and type the name “Unit Price” as the header. Using cell references, calculate the unit price of the order in the first row, then copy and paste that formula down to the remaining rows.

Rounded to 2 decimal places, what is the Unit Price of the last row of data? (Do not include a dollar sign or commas in your answer)

**Answer: 10.59**

6. What is the largest Unit Price in this dataset?

**Answer: 7122.17**

7. How many orders were sent by Delivery Truck? Assume each line is counted as a single order.

**Answer: 259**

8. What is the total shipping cost of all orders sent by Delivery Truck?

**Answer: 11973.56**

9, If you wanted to know the range, or the difference

between the highest and lowest value, of the shipping costs in this dataset, which

formula could you use?

**Answer: For Highest – Max. Lowest- Min**

10. What is the average shipping cost (to 2 decimal places) of all orders sent by Delivery Truck?

**Answer: 46.23**