Using Java Variables, Data Types, and Keywords

For A and B I just want to know if I have the correct answers.

1. Can you tell me if I put the variables in the correct area?

**Items listed below are legal Java variable names.**

myIDNumber

yourIDNumber

this\_is\_a\_year

number

floatNum

May13

Number

**Items listed below ARE NOT legal Java variable names.**

short

110number

One Number

NUMBER

$number

1. Declare and initialize constants to represent the following values. Use in, double, or String and choose meaningful names.

Can you tell me if I am correct? I will my answer in red.

The price of a burger is $4.95. double PRICE\_OF\_BURGER = $4.95

The number of days in October is 31. int NUMBER\_OF\_DAYS\_IN\_OCTOBER = 31

The name of your cat is “Yogi”. String CATS\_NAME = “Yogi”

The length of a football field in yards in yards is 100. int FIELD\_IN\_YARDS = 100

I need help with (Write your assignment statements here that is highlighted in yellow) that is below.

-First calculate the profit, then calculate the sales price, then calculate the profit when the sale price used.

-Profit is defined as the retail price minus the wholesale price.

-The sales price 20% deducted from the retail price.

-The sales profit is defined as the sales price minus the wholesale price.

-Perform the appropriate calculations for the assignment statement.

// This program calculates profits and sales prices for a furniture company.   
  
public class Furniture  
{  
 public static void main(String args[])  
 {  
 String itemName = "Recliner";  
 double retailPrice = 925.00;  
 double wholesalePrice = 700.00;  
 double salePrice;  
 double profit;  
 double saleProfit;  
   
 // Write your assignment statements here.  
  
   
   
 System.out.println("Item Name: " + itemName);  
 System.out.println("Retail Price: $" + retailPrice);  
 System.out.println("Wholesale Price: $" + wholesalePrice);  
 System.out.println("Profit: $" + profit);   
 System.out.println("Sale Price: $" + salePrice);  
 System.out.println("Sale Profit: $" + saleProfit);  
 System.exit(0);  
  
  
 System.exit(0);  
 }  
}