Problem 1:

1NF:

Sales Order (<u>Sales Order Number</u> , Customer Number , Customer Name , Customer Address , Sales Order Date , Clerk Number , Clerk Name)

Item Order (<u>Sales Order Number</u> , <u>Item Ordered</u> , Description , Quantity , Unit Price)

2NF:

Sales Orders (<u>Sales Order Number</u> , Customer Number , Customer Name , Customer Address , Sales Order Date , Clerk Number , Clerk Name)

Item order (<u>Sales Order Number</u> , <u>Item Ordered</u> , Quantity)

Product: (<u>Item Ordered</u> , Description, Unit Price)

3NF:

Sales Orders (<u>Sales Order Number</u> , Customer Number , Sales Order Date , Clerk Number)

Customers (<u>Customer Number</u> , Customer Name , Customer Address)

Clerks (<u>Clerk Number</u> , Clerk Name)

Item order (<u>Sales Order Number</u> , <u>Item Ordered</u> , Quantity)

Product (<u>Item Ordered</u> , Description, Unit Price)

Problem 2:

1NF:

Departments (<u>Dept#</u> , Dept Name , Location , Mgr Name , Mgr ID No., Tel Extn)

Complaints (<u>Cust#</u> , <u>Dept#</u> , Cust Name , Date of Complaint , Nature of Complaint)

2NF:

Departments (<u>Dept#</u> , Dept Name , Location , Mgr Name , Mgr ID No. , Tel Extn)

Complaints (<u>Cust#</u> , <u>Dept#</u> , Date of Complaint , Nature of Complaint)

Customers (<u>Cust#</u> , Cust Name)

3NF:

Departments (<u>Dept#</u> , Dept Name , Location , Mgr ID No. , Tel Extn)

Manager (<u>Mgr ID No.</u> , Mgr Name)

Complaints (<u>Cust#</u> , <u>Dept#</u> , Date of Complaint , Nature of Complaint)

Customers (<u>Cust#</u> , Cust Name)