1. Answer:

```
mysql> create table customers (
 -> customerNumber int,
 -> customersName varchar(20),
-> contactLastName varchar(10),
-> contactFirstName varchar(10),
-> phone int,
-> addressLine1 varchar(30),
-> addressLine2 varchar(20),
-> city varchar (10),
-> state varchar(15),
-> postalCode int,
-> country varchar(15),
-> salesRepEmployeeNumber int,
-> creditLimit int);
 Query OK, 0 rows affected (1.80 sec)
 mysql> show tables;
+--------------------+
| Tables_in_sqlsheet |
+--------------------+
| customers |
+--------------------+
1 row in set (0.00 sec)
```

2. Answer:

```
mysql> create table orders (
-> orderNumber int,
 -> orderDate Date,
 -> requiredDate Date,
 -> shippedDate Date,
 -> status varchar (15),
 -> comments varchar (25),
 -> customerNumber int );

Query OK, 0 rows affected (0.56 sec)

mysql> show tables;
+--------------------+
| Tables_in_sqlsheet |
+--------------------+
| customers |
| orders |
+--------------------+
2 rows in set (0.00 sec)
```

3. Answer:

```
mysql> desc customers;
+------------------------+-------------+------+-----+---------+-------+
| Field | Type | Null | Key | Default | Extra |
+------------------------+-------------+------+-----+---------+-------+
| customerNumber | int | YES | | NULL | |
| customersName | varchar(20) | YES | | NULL | |
| contactLastName | varchar(10) | YES | | NULL | |
| contactFirstName | varchar(10) | YES | | NULL | |
| phone | int | YES | | NULL | |
| addressLine1 | varchar(30) | YES | | NULL | |
| addressLine2 | varchar(20) | YES | | NULL | |
| city | varchar(10) | YES | | NULL | |
| state | varchar(15) | YES | | NULL | |
| postalCode | int | YES | | NULL | |
| country | varchar(15) | YES | | NULL | |
| salesRepEmployeeNumber | int | YES | | NULL | |
| creditLimit | int | YES | | NULL | |
+------------------------+-------------+------+-----+---------+-------+
13 rows in set (0.05 sec)
```

4. Answer:

```
mysql> select comments from orders;
```

5. Answer:

```
mysql> select orderDate,sum(orderDate) from orders;
```

6. Answer:

```
mysql> select employeNumber, lastName, firstName from employees;
```

7. Answer:

```
mysql> select orderNumber from orders UNION select customersName from customers;
```

8. Answer:

```
mysql> select customersName, salesRepEmployeeNumber from employees;
```

9. Answer:

```
mysql> select paymentDate, sum(paymentDate) from payments;
```

10. Answer:

 mysql> select productName, MSRP, productDescription from products;

11. Answer:

mysql> SELECT productName, productDescription, COUNT(*) FROM products GROUP BY productName ORDER BY productName;

12. Answer:

mysql> select city from orders inner join customer on city.customernumber=customers.customerNumber group by city Order by count(orderNumber) desc limit3;

13. Answer:

mysql> select state from customers group by state Order by Count(customerNumber) desc limit 3;

14. Answer:

mysql> select employeeNumber,concat(FirstName,LastName) as 'Full Name' from Employees;

15. Answer:

mysql> SELECT orderNumber, customerName, SUM(priceEach * quantityOrdered) total FROM orderDetails INNER JOIN customers USING (productCode) GROUP BY productCode ORDER BY total;