

WORKSHEET 3 SQL

Answer 1.

```
CREATE TABLE CUSTOMERS(customerNumber INT (15), customerName  
VARCHAR(100), contactLastName VARCHAR(50), contactFirstName VARCHAR(50),  
phone VARCHAR(20), phone VARCHAR(20), adressLine1 VARCHAR(255),  
adressLine2 VARCHAR(255), city VARCHAR(20), state VARHCAR(20), postalcode  
VARCHAR(15), country VARCHAR(20), salesRepEmployeeNumber INT(10),  
creditLimit INT(10));
```

Answer 2.

```
CREATE TABLE orders(orderNumber INT(20), orderDate DATE, eequiredDate Date,  
shippedDate Date, status VARCHAR(25), comments VARCHAR(200),  
customerNumber INT(15));
```

Answer 3. DESCRIBE orders

Answer 4. SELECT COMMENTS FROM orders;

Answer 5. SELECT orderDate,RequiredOrder from Orders;

Answer 6. SELECT employeNumber, lastName, firstName from employees;

Answer 7. SELECT orderNumber, customerName FROM orders

Answer 8. SELECT customerName , salesRepEmployeeNumber FROM customers;

Answer 9. SELECT orderdate, paymentDateAmount

FROM orders

INNER JOIN payments

ON orders.customerNumber = payments.customerNumber;

Answer 10. SELECT productName, MSRP, productDescription FROM products;

Answer 11. SELECT productName, productDescription FROM products WHERE (SELECT MAX(DISTINCT(productCode)) FROM products);

Answer 12. SELECT city name FROM customers LEFT JOIN orders USING (customerNumber) WHERE orderNumber = MAX(orderNumber);

Answer 13. SELECT state FROM customers HAVING MAX(COUNT(customerNumber));

Answer 14. SELECT employeeNumber , CONCAT(firstName , lastName) as FullName from employees;

Answer 15. SELECT customer Name , orderNumber, quantityOrdered *priceEach as TotalAmount from customers,orderdetails;