

SQL
WORKSHEET – 4
Solutions

ANS 1)

```
select(select count(shippedDate) from orders)/(select count(distinct(shippedDate)) from orders) as average_shipped_products_per_day;
```

ANS 2)

```
select(select count(orderDate) from orders)/(select count(distinct(orderDate)) from orders) as average_order_products_per_day;
```

ANS 3)

```
select productName, MSRP from products order by MSRP limit 1;
```

ANS 4)

```
select productName, quantityInStock from products order by quantityInStock desc limit 1;
```

ANS 5)

```
SELECT p.productName FROM products as p JOIN orderdetails as o using(productCode)  
GROUP BY p.productCode ORDER BY Sum(quantityOrdered) DESC LIMIT 1;
```

ANS 6)

```
select c.customerNumber,c.customerName,p.amount from customers as c JOIN payments as  
p USING(customerNumber) order by amount desc limit 1;
```

ANS 7)

```
select customerNumber, customerName from customers where city='Melbourne';
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ANS 8)

```
select customerNumber, customerName from customers where customerName like "N%";
```

ANS 9)

select customerNumber, customerName from customers where city='Las Vegas' and phone like '^7.*';

ANS 10)

select customerNumber, customerName from customers where city='Las Vegas' or city='Stavern' or city='Nantes' and creditLimit < 1000;

ANS 11)

select ordernumber from orderDetails where quantityOrdered <10;

ANS 12)

select o.ordernumber,c.customerName from orders as o JOIN customers as c using(customerNumber) where customerName like 'N%';

ANS 13)

SELECT c.customerName from customers as c JOIN orders as o using (customerNumber) WHERE status = 'Disputed';

ANS 14)

select c.customerName from customers as c JOIN payments as p using(customerNumber) where checkNumber like 'H%';

ANS 15)

select checkNumber, amount from payments where amount >1000;