```sql
--Q1.
SELECT prod_name, prod_price
FROM Products
WHERE prod_price >= 3 AND prod_price <= 6
ORDER BY prod_price;

--Q2
--The issue with the SQL statement is that the WHERE keyword should come before
--the ORDER BY keyword to conform to the correct sequence of SQL commands.

--Q3
SELECT prod_id, prod_price, prod_price * 0.9 AS sale_price
FROM Products;

--Q4
--a)
SELECT SUM(quantity)
FROM OrderItems;

--b)
SELECT SUM(quantity), prod_id
FROM OrderItems
WHERE prod_id = 'BR01';

--Q5
SELECT MAX(prod_price) AS max_price
FROM Products
WHERE prod_price <= 10;

--Q6
--a)
SELECT order_num
FROM OrderItems
GROUP BY order_num
HAVING SUM(quantity) >= 100;

--b)
SELECT order_num
FROM OrderItems
GROUP BY order_num
HAVING SUM(quantity * item_price) >= 1000
ORDER BY order_num;

--Q7
--The 'items' alias is holding an integer value which is not associated to any
--particular field but rather the entire OrderItems table itself.
```