```
1)
SELECT ITEM.CATEGORY,
       SUM(ORDER_ITEM.QUANTITY) AS total_quantity_sold,
       SUM(ORDER_ITEM.QUANTITY * ORDER_ITEM.UNIT_PRICE) AS total_sales
FROM ORDER_ITEM
JOIN ITEM ON ORDER_ITEM.ITEM_ID = ITEM.ITEM_ID
GROUP BY ITEM.CATEGORY;


2)
SELECT ITEM.CATEGORY,
       ITEM.SIZE,
       SUM(ORDER_ITEM.QUANTITY) AS total_quantity_sold,
       SUM(ORDER_ITEM.QUANTITY * ORDER_ITEM.UNIT_PRICE) AS total_sales
FROM ORDER_ITEM
JOIN ITEM ON ORDER_ITEM.ITEM_ID = ITEM.ITEM_ID
GROUP BY ITEM.CATEGORY, ITEM.SIZE;


3)
SELECT ITEM.ITEM_NAME AS pizza_name,
       SUM(ORDER_ITEM.QUANTITY) AS total_quantity_sold,
       SUM(ORDER_ITEM.QUANTITY * ORDER_ITEM.UNIT_PRICE) AS total_sales
FROM ORDER_ITEM
JOIN ITEM ON ORDER_ITEM.ITEM_ID = ITEM.ITEM_ID
WHERE ITEM.CATEGORY = 'Pizza'
GROUP BY ITEM.ITEM_NAME;


4)
SELECT ITEM.ITEM_NAME,
       ITEM.SIZE,
       SUM(ORDER_ITEM.QUANTITY) AS total_quantity_sold,
       SUM(ORDER_ITEM.QUANTITY * ORDER_ITEM.UNIT_PRICE) AS total_sales
FROM ORDER_ITEM
JOIN ITEM ON ORDER_ITEM.ITEM_ID = ITEM.ITEM_ID
GROUP BY ITEM.ITEM_NAME, ITEM.SIZE;


5)
SELECT ITEM.ITEM_NAME,
       ITEM.CATEGORY,
       ITEM.SIZE
FROM ITEM;


6)
SELECT ORDER_ITEM.ORDER_ID,
       AVG(ORDER_ITEM.QUANTITY) AS avg_pizzas_per_order
FROM ORDER_ITEM
```

```sql
JOIN ITEM ON ORDER_ITEM.ITEM_ID = ITEM.ITEM_ID
WHERE ITEM.CATEGORY = 'Pizza'
GROUP BY ORDER_ITEM.ORDER_ID;


7)
SELECT ITEM.CATEGORY,
       AVG(ITEM.PRICE) AS avg_price_per_category
FROM ITEM
GROUP BY ITEM.CATEGORY;


8)
SELECT DISTINCT CUSTOMER.CUSTOMER_ID, CUSTOMER.NAME
FROM CUSTOMER
JOIN [ORDER] ON CUSTOMER.CUSTOMER_ID = [ORDER].CUSTOMER_ID
JOIN ORDER_ITEM ON [ORDER].ORDER_ID = ORDER_ITEM.ORDER_ID
JOIN ITEM ON ORDER_ITEM.ITEM_ID = ITEM.ITEM_ID
WHERE ITEM.CATEGORY IN ('Pizza', 'Pasta');


9)
SELECT ITEM.ITEM_NAME,
       SUM(ORDER_ITEM.QUANTITY) AS total_quantity_sold
FROM ORDER_ITEM
JOIN ITEM ON ORDER_ITEM.ITEM_ID = ITEM.ITEM_ID
GROUP BY ITEM.ITEM_NAME
HAVING SUM(ORDER_ITEM.QUANTITY) > (SELECT AVG(total_quality)
FROM (SELECT SUM(ORDER_ITEM.QUANTITY) AS total_quality
FROM ORDER_ITEM
JOIN ITEM ON ORDER_ITEM.ITEM_ID = ITEM.ITEM_ID
GROUP BY ITEM.ITEM_NAME)
AS SubQuery);


10)
SELECT ITEM.ITEM_NAME,
      ITEM.PRICE AS sales_price,
      AVG(ITEM.PRICE) OVER () AS avg_price_per_item,
      ITEM.PRICE – AVG(ITEM.PRICE) OVER () AS price_difference
FROM ITEM;
```