1. List the products with a list price greater than the average list price of all products.

| **ItemID** | **Description** | **ListPrice** |
| --- | --- | --- |

2. On average, which sold in less time: male cats or female cats? The difference in days between order date and sale date determines what gender sold in less time. List the average time it takes to sell each gender.

| **Gender** | **Delay in Days** |
| --- | --- |

3. List the cats that took longer than average cats to sell.

| **AnimalID** | **Name** | **Delay** |
| --- | --- | --- |

4. Which merchandise items have an average sale price more than 50 percent higher than their average purchase cost?

| **ItemID** | **Description** | **AvgOfCost** | **AvgOfSalePrice** |
| --- | --- | --- | --- |

5. List the employees and their total merchandise sales expressed as a percentage of total merchandise sales for all employees.

| **EmployeeID** | **LastName** | **TotalSales** | **PctSales** |
| --- | --- | --- | --- |

6. On average, which supplier charges the highest shipping cost as a percent of the merchandise order total?

| **SupplierID** | **Name** | **PctShipCost** |
| --- | --- | --- |

7. Which customer has given us the most total money for animals and merchandise?

| **CustomerID** | **LastName** | **FirstName** | **MerchTotal** | **SumOfSalePrice** | **GrandTotal** |
| --- | --- | --- | --- | --- | --- |

8. Which customers who bought more than $100 in merchandise in May also spent more than $50 on merchandise in October?

| **CustomerID** | **LastName** | **FirstName** | **MayTotal** |
| --- | --- | --- | --- |

9. List the customers who bought dogs in the first quarter and also bought dog food in the fourth quarter.

| **CustomerID** | **LastName** | **FirstName** | **SaleDate** | **Category** |
| --- | --- | --- | --- | --- |

10. What was the net change in quantity on hand for premium canned dog food between January 1 and July 1?

| **Description** | **ItemID** | **Purchased** | **Sold** | **NetIncrease** |
| --- | --- | --- | --- | --- |

11. Which merchandise items with a list price of more than $50 hand no sales July?

| **ItemID** | **Description** | **ListPrice** |
| --- | --- | --- |

12. Which merchandise items with more than 100 units on hand have not been ordered in 2004? Use an outer join to answer the question.

| **Merchandise.ItemID** | **Description** | **QuantityOnHand** | **OrderItem.ItemID** |
| --- | --- | --- | --- |

13. Which merchandise items with more than 100 units on hand have not been ordered in 2004? Use a subquery to answer the question.

| **ItemID** | **Description** | **QuantityOnHand** |
| --- | --- | --- |

14. Which cat products with a quantity on hand greater than 500 have not been sold in the month of July?

| **ItemID** | **Description** | **QuantityOnHand** |
| --- | --- | --- |

15. Which dog breeds have never been sold at the pet store? Use an outer join to answer the question.

| **Breed** |
| --- |

16. Which dog breeds have never been sold at the pet store? Use a subquery to answer the question.

| **Breed** |
| --- |

17. List the employees who report to Gibson.

| **MnagerLastName** | **EmployeeID** | **Employee.LastName** | **FirstName** | **Title** |
| --- | --- | --- | --- | --- |

18. Save a query to answer Exercise 7: total amount of money spent by each customer. Create the table shown to categorize customers based on sales. Write a query that lists each customer from the first query and displays the proper label.

**Category Low High**

Weak 0 200

Good 200 800

Best 800 10000

| **CustomerID** | **LastName** | **FirstName** | **GrandTotal** | **Category** |
| --- | --- | --- | --- | --- |

19. List all suppliers (animals and merchandise) who sold us items in June. Identify whether they sold use animals or merchandise.

20. List the states for which our customers have spent more than seven times as much money on animals than on merchandise (in total).

| **State** | **AnimalSales** | **MerchSales** |
| --- | --- | --- |

21. Write a query to create the table shown in Exercise 18.  
22. Write a query to insert the first row of data for the table in Exercise 18.  
23. Write a query to change the High value to 400 in the first row of the table in Exercise 18.  
24. Create a query to delete the first row of the table in Exercise 18.  
25. Create a copy of the Employee table structure. Use a delete query to remove all data from the copy.Write a query to copy from the original employee table into the new one.