1. Write a SELECT statement that returns these columns from the Products table:

The ListPrice column

The DiscountPercent column

A column named DiscountAmount that uses the previous two columns to calculate the discount amount and uses the ROUND function to round the result to 2 decimal places

1. Write a SELECT statement that returns these columns from the Orders table:

The OrderDate column

A column that returns the four-digit year that’s stored in the OrderDate column

A column that returns only the day of the month that’s stored in the OrderDate column.

A column that returns the result from adding thirty days to the OrderDate column.

1. Write a SELECT statement that returns these columns from the Orders table:

The CardNumber column

The length of the CardNumber column

The last four digits of the CardNumber column

When you get that working right, add the column that follows to the result set. This is more difficult because the column requires the use of functions within functions.

A column that displays the last four digits of the CardNumber column in this format: XXXX-XXXX-XXXX-1234. In other words, use Xs for the first 12 digits of the card number and actual numbers for the last four digits of the number.

1. Write a SELECT statement that returns these columns from the Orders table:

The OrderID column

The OrderDate column

A column named ApproxShipDate that’s calculated by adding 2 days to the OrderDate column

The ShipDate column

A column named DaysToShip that shows the number of days between the order date and the ship date

When you have this working, add a WHERE clause that retrieves just the orders for March 2012.

1. Create a database diagram that shows the relationships between the seven tables in the MyGuitarShop database. (The administrators table is not related to the other six tables.)
2. Design a database diagram for a database that stores information about the downloads that users make.

Each user must have an email address, first name, and last name.

Each user can have one or more downloads.

Each download must have a filename and download date/time.

Each product can be related to one or more downloads.

Each product must have a name.