

A4: Show the product name and unit of any products costing 30 or less (note it should be sorted in alphabetical order abc)

```
SELECT ProductName AS 'Product Name', Unit AS 'Units'
FROM Products
WHERE Price <= 30
ORDER BY ProductName
```

Product Name	Units
Aniseed Syrup	12 - 550 ml bottles
Boston Crab Meat	24 - 4 oz tins
Chais	10 boxes x 20 bags
Chang	24 - 12 oz bottles
Chartreuse verte	750 cc per bottle
Chef Anton's Cajun Seasoning	48 - 6 oz jars
Chef Anton's Gumbo Mix	36 boxes
Chocolade	10 pkgs.
Escargots de Bourgogne	24 pieces
Filo Mix	16 - 2 kg boxes
Fløtemysost	10 - 500 g pkgs.
Geitost	500 g
Genen Shouyu	24 - 250 ml bottles
Gorgonzola Telino	12 - 100 g pkgs
Grandma's Boysenberry Spread	12 - 8 oz jars
Gravad lax	12 - 500 g pkgs.
Guaraná Fantástica	12 - 355 ml cans
Gula Malacca	20 - 2 kg bags
Gustaf's Knäckebröd	24 - 500 g pkgs.
Inlagd Sill	24 - 250 g jars

Jack's New England Clam Chowder	12 - 12 oz cans
Konbu	2 kg box
Lakkalikööri	500 ml
Laughing Lumberjack Lager	24 - 12 oz bottles
Longlife Tofu	5 kg pkg.
Louisiana Fiery Hot Pepper Sauce	32 - 8 oz bottles
Louisiana Hot Spiced Okra	24 - 8 oz jars
Maxilaku	24 - 50 g pkgs.
Nord-Ost Matjeshering	10 - 200 g glasses
NuNuCa Nuß-Nougat-Creme	20 - 450 g glasses
Original Frankfurter grüne Soße	12 boxes
Outback Lager	24 - 355 ml bottles
Pavlova	32 - 500 g boxes
Pâté chinois	24 boxes x 2 pies
Queso Cabrales	1 kg pkg.
Ravioli Angelo	24 - 250 g pkgs.
Rhönbräu Klosterbier	24 - 0.5 l bottles
Röd Kaviar	24 - 150 g jars
Røgede sild	1k pkg.
Sasquatch Ale	24 - 12 oz bottles
Scottish Longbreads	10 boxes x 8 pieces
Singaporean Hokkien Fried Mee	32 - 1 kg pkgs.
Sir Rodney's Scones	24 pkgs. x 4 pieces
Sirop d'érable	24 - 500 ml bottles
Spegesild	4 - 450 g glasses
Steeleye Stout	24 - 12 oz bottles

Teatime Chocolate Biscuits	10 boxes x 12 pieces
Tofu	40 - 100 g pkgs.
Tourtière	16 pies
Tunnbröd	12 - 250 g pkgs.
Uncle Bob's Organic Dried Pears	12 - 1 lb pkgs.
Valkoinen suklaa	12 - 100 g bars
Zaanse koeken	10 - 4 oz boxes

B1: Show the average price of products in category 6

```
SELECT AVG(Price) AS 'Average Price of Products in Category 6'  
FROM Products  
WHERE CategoryID = 6
```

**Average Price of Products in Category 6**

54.00666666666667

B2: Show the maximum price of products in category 3

```
SELECT MAX(Price) AS 'Maximum Price of Products in Category 3'  
FROM Products  
WHERE CategoryID = 3
```

**Maximum Price of Products in Category 3**

81

B3: Show the number of products in category 4

```
SELECT COUNT(*) AS 'Number of Products in Category 4'  
FROM Products  
WHERE CategoryID = 4
```

### **Number of Products in Category 4**

10

C1: Show all the product names with the supplier name

```
SELECT Products.ProductName AS 'Product Name',  
Suppliers.SupplierName AS 'Supplier Name'  
FROM Products JOIN Suppliers  
WHERE Products.SupplierID = Suppliers.SupplierID
```

Product Name	Supplier Name
Chais	Exotic Liquid
Chang	Exotic Liquid
Aniseed Syrup	Exotic Liquid
Chef Anton's Cajun Seasoning	New Orleans Cajun Delights
Chef Anton's Gumbo Mix	New Orleans Cajun Delights
Grandma's Boysenberry Spread	Grandma Kelly's Homestead
Uncle Bob's Organic Dried Pears	Grandma Kelly's Homestead
Northwoods Cranberry Sauce	Grandma Kelly's Homestead
Mishi Kobe Niku	Tokyo Traders
Ikura	Tokyo Traders
Queso Cabrales	Cooperativa de Quesos 'Las Cabras'
Queso Manchego La Pastora	Cooperativa de Quesos 'Las Cabras'
Konbu	Mayumi's
Tofu	Mayumi's
Genen Shouyu	Mayumi's
Pavlova	Pavlova, Ltd.
Alice Mutton	Pavlova, Ltd.
Carnarvon Tigers	Pavlova, Ltd.
Teatime Chocolate Biscuits	Specialty Biscuits, Ltd.

Sir Rodney's Marmalade	Specialty Biscuits, Ltd.
Sir Rodney's Scones	Specialty Biscuits, Ltd.
Gustaf's Knäckebröd	PB Knäckebröd AB
Tunnbröd	PB Knäckebröd AB
Guaraná Fantástica	Refrescos Americanas LTDA
NuNuCa Nuß-Nougat-Creme	Heli Süßwaren GmbH & Co. KG
Gumbär Gummibärchen	Heli Süßwaren GmbH & Co. KG
Schoggi Schokolade	Heli Süßwaren GmbH & Co. KG
Rössle Sauerkraut	Plutzer Lebensmittelgroßmärkte AG
Thüringer Rostbratwurst	Plutzer Lebensmittelgroßmärkte AG
Nord-Ost Matjeshering	Nord-Ost-Fisch Handelsgesellschaft mbH
Gorgonzola Telino	Formaggi Fortini s.r.l.
Mascarpone Fabioli	Formaggi Fortini s.r.l.
Geitost	Norske Meierier
Sasquatch Ale	Bigfoot Breweries
Steeleye Stout	Bigfoot Breweries
Inlagd Sill	Svensk Sjöföda AB
Gravad lax	Svensk Sjöföda AB
Côte de Blaye	Aux joyeux ecclésiastiques
Chartreuse verte	Aux joyeux ecclésiastiques
Boston Crab Meat	New England Seafood Cannery
Jack's New England Clam Chowder	New England Seafood Cannery
Singaporean Hokkien Fried Mee	Leka Trading
Ipoh Coffee	Leka Trading



Gula Malacca	Leka Trading
Røgede sild	Lyngbysild
Spegesild	Lyngbysild
Zaanse koeken	Zaanse Snoepfabriek
Chocolade	Zaanse Snoepfabriek
Maxilaku	Karkki Oy
Valkoinen suklaa	Karkki Oy
Manjimup Dried Apples	G'day, Mate
Filo Mix	G'day, Mate
Perth Pasties	G'day, Mate
Tourtière	Ma Maison
Pâté chinois	Ma Maison
Gnocchi di nonna Alice	Pasta Buttini s.r.l.
Ravioli Angelo	Pasta Buttini s.r.l.
Escargots de Bourgogne	Escargots Nouveaux
Raclette Courdavault	Gai pâturage
Camembert Pierrot	Gai pâturage
Sirop d'érable	Forêts d'érables
Tarte au sucre	Forêts d'érables
Vegie-spread	Pavlova, Ltd.
Wimmers gute Semmelknödel	Plutzer Lebensmittelgroßmärkte AG
Louisiana Fiery Hot Pepper Sauce	New Orleans Cajun Delights
Louisiana Hot Spiced Okra	New Orleans Cajun Delights
Laughing Lumberjack Lager	Bigfoot Breweries

Scottish Longbreads

Specialty Biscuits, Ltd.

Gudbrandsdalsost

Norske Meierier

Outback Lager

Pavlova, Ltd.

Fløtemysost

Norske Meierier

Mozzarella di Giovanni

Formaggi Fortini s.r.l.

Röd Kaviar

Svensk Sjöföda AB

Longlife Tofu

Tokyo Traders

Rhönbräu Klosterbier

Plutzer Lebensmittelgroßmärkte AG

Lakkalikööri

Karkki Oy

Original Frankfurter grüne Soße

Plutzer Lebensmittelgroßmärkte AG

D1: How many orders did Ana Trujillo make?

```
SELECT COUNT(*) AS 'Orders Ana Made'  
FROM Customers JOIN Orders  
WHERE Customers.CustomerID = Orders.CustomerID AND  
Customers.ContactName = 'Ana Trujillo'
```

### **Orders Ana Made**

1

D2: What shipping company does Ana Trujillo typically use?

```
SELECT Shippers.ShipperName AS 'Shipping Company Used by Ana'  
FROM Customers JOIN Orders JOIN Shippers  
WHERE Customers.CustomerID = Orders.CustomerID AND  
Customers.ContactName = 'Ana Trujillo' AND Shippers.ShipperID =  
Orders.ShipperID
```

### **Shipping Company Used by Ana**

Federal Shipping

D3: What did Ana Trujillo buy?

```
SELECT Products.ProductName AS 'What Ana bought'  
FROM Customers JOIN Orders JOIN OrderDetails JOIN Products  
WHERE Customers.CustomerID = Orders.CustomerID AND  
Customers.ContactName = 'Ana Trujillo' AND Orders.OrderID =  
OrderDetails.OrderID AND Products.ProductID =  
OrderDetails.ProductID
```

### **What Ana bought**

Gudbrandsdalsost

Outback Lager