1. a) SELECT \* FROM Sales.SalesTerritory

b) SELECT TerritoryID, Name FROM Sales.SalesTerritory

c) SELECT \* FROM Person.Person

WHERE LastName = 'Norman'

d) SELECT \* FROM Person.Person

WHERE EmailPromotion <> 2

3. VAR  
SELECT VAR(Bonus)

FROM Sales.SalesPerson

GROUPING

SELECT SalesQuota, SUM(SalesYTD) 'TotalSalesYTD', GROUPING(SalesQuota) AS 'Grouping'

FROM Sales.SalesPerson

GROUP BY SalesQuota WITH ROLLUP

STDEVP

SELECT STDEVP(Bonus)

FROM Sales.SalesPerson

4. a)

SELECT DISTINCT PersonType

FROM Person.Person

WHERE LastName LIKE 'M%' OR EmailPromotion <> 1

b)

SELECT TOP 3 \*

FROM Sales.SpecialOffer

WHERE StartDate BETWEEN '2013-01-01' AND '2014-01-01'

ORDER BY DiscountPct DESC

c)

SELECT MIN(Weight) AS MinWeight, MAX(Size) AS MaxSize

FROM Production.Product

d)

SELECT ProductSubcategoryID, MIN(Weight) AS MinWeight, MAX(Size) AS MaxSize

FROM Production.Product

GROUP BY ProductSubcategoryID

e)

SELECT ProductSubcategoryID, MIN(Weight) AS MinWeight, MAX(Size) AS MaxSize

FROM Production.Product

WHERE Color is not NULL

GROUP BY ProductSubcategoryID