Q9.

/\*Question 9\*/

select b.calmonth,d.addrcatcodeid,sum(extcost),sum(quantity),

GROUPING\_ID(b.calmonth, d.addrcatcodeid) AS Grouping\_Level

from inventory\_fact a

inner join date\_dim b

on a.datekey =b.datekey

inner join cust\_vendor\_dim c

on a.custvendorkey=c.custvendorkey

inner join addr\_cat\_code1 d

on c.addrcatcode1=d.addrcatcodekey

where transtypekey=5 and calyear=2011

group by cube(b.calmonth,d.addrcatcodeid)

order by Grouping\_Level

