Problem 2:

select D.CALQUARTER,C.ZIP,C.NAME, count(\*) as num\_transactions, sum(I.EXTCOST) as tot\_extcost

from date\_dim D inner join inventory\_fact I on D.DATEKEY = I.DATEKEY

inner join cust\_vendor\_dim C on C.CUSTVENDORKEY = I.CUSTVENDORKEY

where (D.CALYEAR = 2011 or D.CALYEAR = 2012) and I.TRANSTYPEKEY = 5

group by grouping sets((D.CALQUARTER,C.ZIP,C.NAME),(D.CALQUARTER,C.ZIP),(C.ZIP,C.NAME),

(D.CALQUARTER,C.NAME),(D.CALQUARTER),(C.ZIP),(C.NAME),()

);

