



Formula Review

Please refer to the Excel spreadsheet on the CS105 website.

Total revenue

Answer: `=SUMIF (A:A, F2, D:D)`

Reason: The question requires that we add (SUMIF) up all the revenue generated by each product (Darjeeling Tea, Oolong Tea and Earl Grey Tea) listed.

Total revenue

Answer: `=SUMIF (C:C, F7, D:D)`

Reason: The question requires that we add (SUMIF) up all the revenue generated by each region (North, South, East, West) listed.

Months

Answer: `=COUNTIF (C:C, F7)`

Reason: The question requires that we count (COUNTIF) the number of months each region generated revenue.

Revenue/Months

Answer: `=G7/H7`

Reason: The question requires that we find the ratio of the revenue generated by the number of months for which revenue was generated.

Rating chart: using VLOOKUP

Answer: `=VLOOKUP (I7, $K$3:$N$6, 4, TRUE)`

Reason: The question requires that we lookup the Revenue/Month corresponding to each region and find the rating as listed in the table using VLOOKUP.



Rating chart: using INDEX/MATCH

Answer: `=INDEX (N$3:N$6, MATCH (I7, K$3:K$6, 1) )`

Reason: The question requires that we lookup the Revenue/Month corresponding to each region and find the rating as listed in the table using INDEX/MATCH.

Maximum Revenue/Month

Answer: `=INDEX (F7:F10, MATCH (MAX (I7:I10) , I7:I10, 0) )`

Reason: The question requires that we lookup the Revenue/Month corresponding to each region and find the region with the maximum Revenue/Month.

Good luck on the midterm!