

VLOOKUP: Search **the first column** of a range of cell, and return a value from any cell on the same row of the range.

*****ONLY allow the search from LEFT to RIGHT.**

VLOOKUP(lookup_value, table_array, col_index_num, [range_lookup])

Lecture Google Sheet:

	<u>Total Revenue</u>
Darjeeling Tea	=SUMIFS(E:E, B:B, H4)
Oolong Tea	
Earl Grey Tea	

	<u>Total Revenue</u>	<u>Months</u>
North	=SUMIFS(E:E, D:D, H10)	
East		
South		
West		

	<u>Total Revenue</u>	<u>Months</u>	<u>Reve</u>
North	210698	=COUNTIFS(D:D, H10)	
East	295768		
South	299867		
West	182107		

	<u>Total Revenue</u>	<u>Months</u>	<u>Revenue/Month</u>
North	210698	5	=I10/J10
East	295768	7	
South	299867	7	
West	182107	5	

	<u>Revenue</u>
e02e	=INDEX(E:E,MATCH(H17,A:A,0),1)
d01s	
e05w	

	<u>Revenue</u>	
e02e	\$53,007	=INDEX(E:E,MATCH(H17,A:A,0),1)
d01s		=VLOOKUP(H18:A:E,5,FALSE)
e05w		

Look at the 5th column in A:E

Max Revenue:	54716	
Product:	=INDEX(B:B,MATCH(I23,E:E,0),1)	Search column E, and return column B,
Month:		We have to use INDEX/MATCH
Region:		because we want to return from right to left

Lecture Excel Sheet

How many days did it snow in the month with the greatest amount of snowfall?		
Answer:	48	=SUMIFS(L:L,B:B,C161)
...what year was it?		
Answer:	2010	=INDEX(A:A,MATCH(G161,H:H,0),1)
...what month was it?		
Answer:	12	=INDEX(B:B,MATCH(G161,H:H,0),1)