MICROSOFT EXCEL FORMULAS

1) SUM Formula

= SUM(A1**:**A5)
= SUM(A1+A2+A3+A4+A5)
= SUM(A1,A2,A3,A4,A5)
= SUM(A1**:**A3,A4**:**A5)
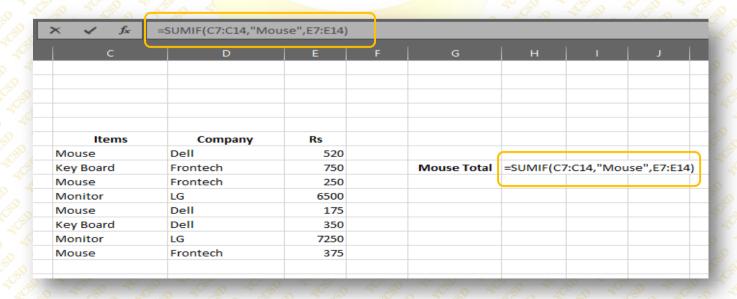
fx =sum(F7:H7)

	Value1	Value2	Value3	Sum
	15	30	50	=sum(F7:H7)
	25	24	52	
	32	32	65	

=sum(F7+G7+H7)

	Value1	Value2	Value3	Sum
	15	30	50	=sum(F7+G7+H7)
	25	24	52	
	32	32	65	

=sum(F7,G7,H7)

	Value1	Value2	Value3	Sum
	15	30	50	=sum(F7,G7,H7)
	25	24	52	
	32	32	65	

=sum(F7:F9,H7:H9)

	Value1	Value2	Value3	Sum
	15	30	50	=sum(F7:F9,H7:H9)
	25	24	52	
	32	32	65	

2) SUMIF Formula

fx =SUMIF(C7:C14,"Mouse",E7:E14)

Items	Company	Rs			
Mouse	Dell	520			
Key Board	Frontech	750		Mouse Total	=SUMIF(C7:C14,"Mouse",E7:E14)
Mouse	Frontech	250			
Monitor	LG	6500			
Mouse	Dell	175			
Key Board	Dell	350			
Monitor	LG	7250			
Mouse	Frontech	375			

3) SUMIFS Formula

`=SUMIFS(E7:E14,C7:C14,"Mouse",D7:D14,"dell")`

Items	Company	Rs
Mouse	Dell	520
Key Board	Frontech	750
Mouse	Frontech	250
Monitor	LG	6500
Mouse	Dell	175
Key Board	Dell	350
Monitor	LG	7250
Mouse	Frontech	375

Mouse Total	1320
Dell Mouse Total	=SUMIFS(E7:E14,C7:C14,"Mouse",D7:D14,"dell")

4) AVERAGE Formula

= AVERAGE (A1:A3)
= AVERAGE(A4/3)

`=AVERAGE(F7:H7)`

Value1	Value2	Value3	Sum	Average
15	30	50	239	=AVERAGE(F7:H7)
25	24	52	174	
32	32	65	97	

`=AVERAGE(I7/3)`

Value1	Value2	Value3	Sum	Average
15	30	50	239	=AVERAGE(I7/3)
25	24	52	174	
32	32	65	97	

5) AVERAGEIF Formula

`=AVERAGEIF(E7:E14,">500")`

Items	Company	Rs
Mouse	Dell	520
Key Board	Frontech	750
Mouse	Frontech	250
Monitor	LG	6500
Mouse	Dell	175
Key Board	Dell	350
Monitor	LG	7250
Mouse	Frontech	375

Mouse Total	1320
Dell Mouse Total	695
Average Price>=500	=AVERAGEIF(E7:E14,">500")

6) AVERAGEIFS Formula

`=AVERAGEIFS(E7:E14,E7:E14,">500", E7:E14, "<7000")`

Items	Company	Rs			
Mouse	Dell	520			
Key Board	Frontech	750		Mouse Total	1320
Mouse	Frontech	250		Dell Mouse Total	695
Monitor	LG	6500		Average Price>=500	3755
Mouse	Dell	175		Average Price>=500 AND < 7000	2590
Key Board	Dell	350			
Monitor	LG	7250		=AVERAGEIFS(E7:E14,E7:E14,">500", E7:E14, "<7000")	
Mouse	Frontech	375			

7) COUNT Formula

The Excel COUNT function returns a count of values that are numbers. Numbers include negative numbers, percentages, dates, times, fractions, and formulas that return numbers. Empty cells and text values are ignored.

Rs			
520			
750	Mouse Total	1320	
250	Dell Mouse Total	695	
6500	Average Price>=500	3755	
175	Average Price>=500 AND < 7000	2590	
350			
7250			
375			
	Count Cell	=COUNT(E7:E20)	

Rs			
520			
750	Mouse Total	1320	
250	Dell Mouse Total	695	
6500	Average Price>=500	3755	
175	Average Price>=500 AND < 7000	2590	
350			
7250			
375			
	Count Cell	8	

Company	Rs			
Dell	520			
Frontech	750	Mouse Total	1320	
Frontech	250	Dell Mouse Total	695	
LG	6500	Average Price>=500	3755	
Dell	175	Average Price>=500 AND < 7000	2590	
Dell	350			
LG	7250			
Frontech	375			
		Count Cell	8	
		Count Cell	=COUNT(D7:D18)	

Mouse Total	1320
Dell Mouse Total	695
Average Price>=500	3755
Average Price>=500 AND < 7000	2590
Count Cell	8
Count Cell	0

8) COUNTIF Formula

Items	Company	Rs					
Mouse	Dell	520					
Key Board	Frontech	750		Mouse Total		1320	
Mouse	Frontech	250		Dell Mouse Total		695	
Monitor	LG	6500		Average Price>=500		3755	
Mouse	Dell	175		Average Price>=500 AND < 7000		2590	
Key Board	Dell	350					
Monitor	LG	7250					
Mouse	Frontech	375					
				Count Cell		8	
				Count Cell		0	
				COUNT Rs >500		=COUNTIF(E7:E14,">500")	

9) COUNTIFS Formula

=COUNTIFS(C7:C14,"Mouse",D7:D14,"Dell")

Items	Company	Rs					
Mouse	Dell	520					
Key Board	Frontech	750		Mouse Total		1320	
Mouse	Frontech	250		Dell Mouse Total		695	
Monitor	LG	6500		Average Price>=500		3755	
Mouse	Dell	175		Average Price>=500 AND < 7000		2590	
Key Board	Dell	350					
Monitor	LG	7250					
Mouse	Frontech	375					
				Count Cell		8	
				Count Cell		0	
				COUNT Rs >500		4	
				COUNT "DELL" "MOUSE"		=COUNTIFS(C7:C14,"Mouse",D7:D14,"Dell")	

10) MAX Formula

Rs				
520				
750		Mouse Total		1320
250		Dell Mouse Total		695
6500		Average Price>=500		3755
175		Average Price>=500 AND < 7000		2590
350				
7250				
375				
		Count Cell		8
		Count Cell		0
		COUNT Rs >500		4
		COUNT "DELL" "MOUSE"		2
		Maximum RS		=MAX(E7:E14)

Mouse Total	1320
Dell Mouse Total	695
Average Price>=500	3755
Average Price>=500 AND < 7000	2590
Count Cell	8
Count Cell	0
COUNT Rs >500	4
COUNT "DELL" "MOUSE"	2
Maximum RS	7250

11) MAXIFS Formula

Items	Company	Rs
Mouse	Dell	520
Key Board	Frontech	750
Mouse	Frontech	250
Monitor	LG	6500
Mouse	Dell	175
Key Board	Dell	350
Monitor	LG	7250
Mouse	Frontech	375

Mouse Total	1320
Dell Mouse Total	695
Average Price>=500	3755
Average Price>=500 AND < 7000	2590

Count Cell	8
Count Cell	0
COUNT Rs >500	4
COUNT "DELL" "MOUSE"	2
Maximum RS	7250
Maximum RS Dell	=MAXIFS(E7:E14,D7:D14,"Dell")

Mouse Total	1320
Dell Mouse Total	695
Average Price>=500	3755
Average Price>=500 AND < 7000	2590
Count Cell	8
Count Cell	0
COUNT Rs >500	4
COUNT "DELL" "MOUSE"	2
Maximum RS	7250
Maximum RS Dell	520

12) MIN Formula

Rs
520
750
250
6500
175
350
7250
375

Mouse Total	1320
Dell Mouse Total	695
Average Price>=500	3755
Average Price>=500 AND < 7000	2590
Count Cell	8
Count Cell	0
COUNT Rs >500	4
COUNT "DELL" "MOUSE"	2
Maximum RS	7250
Maximum RS Dell	520
Minimum Rs	=MIN(E7:E14)

Mouse Total	1320
Dell Mouse Total	695
Average Price>=500	3755
Average Price>=500 AND < 7000	2590
Count Cell	8
Count Cell	0
COUNT Rs >500	4
COUNT "DELL" "MOUSE"	2
Maximum RS	7250
Maximum RS Dell	520
Minimum Rs	175

13) MINIFS Formula

Items	Company	Rs
Mouse	Dell	520
Key Board	Frontech	750
Mouse	Frontech	250
Monitor	LG	6500
Mouse	Dell	175
Key Board	Dell	350
Monitor	LG	7250
Mouse	Frontech	375

Mouse Total	1320
Dell Mouse Total	695
Average Price>=500	3755
Average Price>=500 AND < 7000	2590
Count Cell	8
Count Cell	0
COUNT Rs >500	4
COUNT "DELL" "MOUSE"	2
Maximum RS	7250
Maximum RS Dell	520
Minimum Rs	175
Minimum Rs LG	=MINIFS(E7:E14,D7:D14,"LG")

Mouse Total	1320
Dell Mouse Total	695
Average Price>=500	3755
Average Price>=500 AND < 7000	2590
Count Cell	8
Count Cell	0
COUNT Rs >500	4
COUNT "DELL" "MOUSE"	2
Maximum RS	7250
Maximum RS Dell	520
Minimum Rs	175
Minimum Rs LG	6500

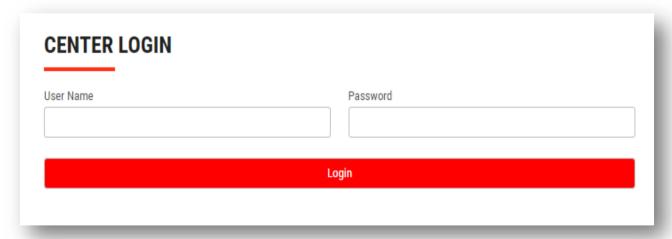# Welcome In YCSD

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