

Excel Functions

Math & Trig → Even, Fact, ODD, Power, Roman, SQRT, SUM, SUMIF, INT, MOD, Round.

Date & Time → Today, Now, Date, Day, Month, Year, Time, Hour, Minute, Second.

Text → Lower, Proper, UPPER, Left, Right, Mid, Len, Concatenate, Exact, Trim.

Statistical → Average, AverageA, Count Function, Max, Min, Mode.

Lookup & Reference → Hyperlink, IFERROR, V Lookup, H Lookup and Match.

Logical → AND, OR, NOT, IF.

Financial → FV, PMT, IPMT, PPMT.

Financial

Ms-Excel All Function Full Playlist Available

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Math & Trig...

B3 ✕ ✓ *f_x* =ODD(A3)

	A	B	C
1		ODD	
2	Number	Result	
3	5	5	
4	8	9	
5	3	3	

C3 ✕ ✓ *f_x* =POWER(A3,B3)

	A	B	C
1		Power	
2	Number	power	Result
3	5	3	125
4	6	2	36
5	3	4	81

B3						=ROMAN(A3)
		A	B	C		
1			Roman			
2		Number	Result			
3		5	V			
4		45	XLV			
5		8	VIII			

B3		:	✕	✓	<i>f_x</i>	=SQRT(A3)
		A	B			C
1			SQRT			
2	Number		Result			
3	64		8			
4	144		12			
5	49		7			

SUM		=SUM(A3:A6)	
	A	B	C
1		SUM	
2	Number	Result	
3	77	187	
4	36	=SUM(A3:A6)	
5	49		
6	25		

D4		=SUMIF(A3:A6,C4,B3:B6)		
	A	B	C	D
1		SUMIF		
2	City	Amt.	Result	
3	Sitapur	4500	City	Total
4	Mumbai	3600	Sitapur	7000
5	Sitapur	2500		
6	Mumbai	15000		

B3			=INT(A3)		
	A		B		
1			INT		
2	Number		Result		
3	45.378		45		
4	25.96		25		
5	48.963		48		

C3			=MOD(A3,B3)		
	A		B		C
1			MOD		
2	Denominator		Divisor		Result
3	44		8		4
4	39		3		0
5	26		6		2

B3 X ✓ fx =ROUND(A3,0)

	A	B	C
1	Round		
2	Number	Result	
3	25.365	25	
4	26.84	27	
5	23	23	

Date & Time...

B2 X ✓ fx =TODAY()

	A	B
1		Today
2	Result	8/30/2018

B2 X ✓ fx =NOW()

	A	B
1		Now
2	Result	8/30/2018 5:27

SUM		:	X	✓	<i>fx</i>	=DATE(2018,8,30)
	A		B		C	
1			Date			
2	Result		8/30/2018			
3			=DATE(2018,8,30)			

B3		:	X	✓	<i>fx</i>	=DAY(B2)
	A		B			
1	Day , Month , Year					
2	Date		8/30/2018			
3	Day		30			
4	Month		8			
5	Year		2018			

SUM		:	X	✓	<i>fx</i>	=TIME(18,9,12)
	A		B		C	
1			Time			
2	Result		6:09 PM			
3			=TIME(18,9,12)			

SUM		:	X	✓	<i>fx</i>	=DATE(2018,8,30)
	A		B		C	
1			Date			
2	Result		8/30/2018			
3			=DATE(2018,8,30)			

B3		:	X	✓	<i>fx</i>	=DAY(B2)
	A		B			
1	Day , Month , Year					
2	Date		8/30/2018			
3	Day		30			
4	Month		8			
5	Year		2018			

SUM		:	X	✓	<i>fx</i>	=TIME(18,9,12)
	A		B		C	
1			Time			
2	Result		6:09 PM			
3			=TIME(18,9,12)			

B3				=LEFT(A3,3)
	A	B	C	D
1	Left , Right , Mid			
2	Name	Left	Right	Mid
3	Rahul	Rah	ul	hu
4	arvind	arv	nd	vi
5	SURESH	SUR	SH	RE

B3				=LEN(A3)
	A	B		
1		Len		
2	Name	Result		
3	Rahul	5		
4	Shyam	5		
5	Surendra	8		

C3				=CONCATENATE(A3," ",B3)
	A	B	C	
1	Concatenate			
2	First Name	Last Name	Result	
3	Rahul	verma	Rahul verma	
4	Shyam	Gupta	Shyam Gupta	
5	Surendra	Singh	Surendra Singh	

B3				=EXACT(A3,"Rahul")
	A	B		
1	EXACT			
2	First Name	Result		
3	Rahul	TRUE		
4	RAHUL	FALSE		
5	Rahul	TRUE		
6	rahul	FALSE		

C3				=CONCATENATE(A3," ",B3)
	A	B	C	
1	Concatenate			
2	First Name	Last Name	Result	
3	Rahul	verma	Rahul verma	
4	Shyam	Gupta	Shyam Gupta	
5	Surendra	Singh	Surendra Singh	

B3				=EXACT(A3,"Rahul")
	A	B		
1	EXACT			
2	First Name	Result		
3	Rahul	TRUE		
4	RAHUL	FALSE		
5	Rahul	TRUE		
6	rahul	FALSE		

B3					
	A	B	C	D	
1	Max , Min , Mode				
2	Number	Max	Min	Mode	
3	1	8	1	4	
4	4				
5	8				
6	7				
7	4				

Lookup & Reference..

B3					
	A	B	C	D	
1	Hyperlink				
2					
3	Link	Notes			

D11 $\times$ $\checkmark$ f_x =VLOOKUP(C11,B3:F8,2,0)

	A	B	C	D	E	F
1			VLOOKUP			
2						
3		Stu.ID	Name	Course	Age	Batch Time
4		UPCI0253	Arvind	CTTC	26	8 To 10
5		UPCI0254	Rahul	ADCA	23	10 To 11
6		UPCI0255	Suresh	DCA	20	11 To 12
7		UPCI0256	Ramesh	CTTC	25	8 To 10
8		UPCI0257	Harsh	ADCA	23	10 To 11
9						
10			Stu.ID	Name	Course	Batch Time
11			UPCI0255	Suresh	DCA	11 To 12

C11 $\times$ $\checkmark$ f_x =HLOOKUP(C10,B3:F8,MATCH(B11,B3:B8,0),0)

	A	B	C	D	E	F
1		HLOOKUP & MATCH				
2						
3		Name	Sale Jan.	Sale Feb.	Sale Mar.	Sale April
4		Arvind	1788	1506	2653	2531
5		Rahul	2386	2912	2842	2379
6		Suresh	2859	2956	2095	2066
7		Ramesh	1708	1527	2029	2098
8		Harsh	2939	2835	2567	1796
9						
10			Sale mar.			
11		Harsh	2567			

D11 $\times$ $\checkmark$ f_x =VLOOKUP(C11,B3:F8,2,0)

	A	B	C	D	E	F
1			VLOOKUP			
2						
3		Stu.ID	Name	Course	Age	Batch Time
4		UPCI0253	Arvind	CTTC	26	8 To 10
5		UPCI0254	Rahul	ADCA	23	10 To 11
6		UPCI0255	Suresh	DCA	20	11 To 12
7		UPCI0256	Ramesh	CTTC	25	8 To 10
8		UPCI0257	Harsh	ADCA	23	10 To 11
9						
10			Stu.ID	Name	Course	Batch Time
11			UPCI0255	Suresh	DCA	11 To 12

C11 $\times$ $\checkmark$ f_x =HLOOKUP(C10,B3:F8,MATCH(B11,B3:B8,0),0)

	A	B	C	D	E	F
1		HLOOKUP & MATCH				
2						
3		Name	Sale Jan.	Sale Feb.	Sale Mar.	Sale April
4		Arvind	1788	1506	2653	2531
5		Rahul	2386	2912	2842	2379
6		Suresh	2859	2956	2095	2066
7		Ramesh	1708	1527	2029	2098
8		Harsh	2939	2835	2567	1796
9						
10			Sale mar.			
11		Harsh	2567			

Logical..

Comparison Operator	Meaning
=	Equal to
<>	Not Equal to
>	Greater then
<	Less then
>=	Greater then or equal to
<=	Less then or equal to

D4	:				=AND(C4>=2000,C4<=2500)
	A	B	C	D	
1			AND		
2					
3		Name	Salary	Result	
4		Mohan	2000	TRUE	
5		Kishor	1800	FALSE	
6		Lalit	3000	FALSE	
7		Anoop	2500	TRUE	
8		Rahul	2400	TRUE	

D3				=OR(C3="high school",C3="inter")
	A	B	C	D
1			OR	
2		Name	Qualification	Result
3		Mohan	High school	TRUE
4		Kishor	Eight	FALSE
5		Lalit	High school	TRUE
6		Anoop	Inter	TRUE
7		Rahul	Eight	FALSE

C3				=NOT(B3>=2000)
	A	B	C	
1		NOT		
2	Name	Value	Result	
3	Suresh	600	TRUE	
4	Mahesh	3000	FALSE	
5	Rahul	700	TRUE	
6	Arvind	4000	FALSE	

Financial..

B5

⌵

:

✕

✓

fx

=FV(B4/12,B3,B2)

	A	B
1		FV
2	Premium	8000
3	Month	18
4	Rate of Int	8%
5	Result	(152,457.52)

B5

:

✕

✓

fx

=PMT(B4/12,B3,B2)

	A	B
1		PMT
2	Loan	200000
3	Period in Months	18
4	Rate of Int	9%
5	Result	(11,919.53)

B5	:	  	=IPMT(B4/12,1,B3,B2)
		A	B
1			IPMT
2	Loan		200000
3	Period in Months		18
4	Rate of Int		9%
5	Result		(1,500.00)

B5	:	  	=PPMT(B4/12,1,B3,B2)
		A	B
1			PPMT
2	Loan		200000
3	Period in Months		18
4	Rate of Int		9%
5	Result		(10,419.53)

Thank You