Excel Easy

#1 Excel tutorial on the net

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The IF function can be nested, when you have multiple conditions to meet. The FALSE value is being replaced by another If function to make a further test. For example, look at the formula below.

1a. If cell A1 equals 1, the function returns Bad.

B1	▼	fx	=IF(A1=1,"Bad",IF(A1=2,"Good",IF(A1=3,"Excellent","No Valid Score")))

	A	B	C	D	E	F	G	H	I
1	1	Bad							
2									
3									

1b. If cell A1 equals 2, the function returns Good.

B1	▼	fx	=IF(A1=1,"Bad",IF(A1=2,"Good",IF(A1=3,"Excellent","No Valid Score")))

	A	B	C	D	E	F	G	H	I
1	2	Good							
2									
3									

1c. If cell A1 equals 3, the function returns Excellent.

B1	▼	fx	=IF(A1=1,"Bad",IF(A1=2,"Good",IF(A1=3,"Excellent","No Valid Score")))

	A	B	C	D	E	F	G	H	I
1	3	Excellent							
2									
3									

1d. If cell A1 equals another value, the function returns No Valid Score.

B1	▼	fx	=IF(A1=1,"Bad",IF(A1=2,"Good",IF(A1=3,"Excellent","No Valid Score")))

	A	B	C	D	E	F	G	H	
1	5	No Valid Score							
2									
3									

Here's another example.

2a. If cell A1 is less or equal to 10, the function returns 350.

B1	▼	fx	=IF(A1<=10,350,IF(A1<=20,700,IF(A1<=30,1400, 2000)))

	A	B	C	D	E	F	G	H	I
1	6	350							
2									
3									

2b. If cell A1 is greater than 10 and less or equal to 20, the function returns 700.

B1		f_x	=IF(A1<=10,350,IF(A1<=20,700,IF(A1<=30,1400, 2000)))						
	A	B	C	D	E	F	G	H	I
1	12	700							
2									
3									

B1		f_x	=IF(A1<=10,350,IF(A1<=20,700,IF(A1<=30,1400, 2000)))						
	A	B	C	D	E	F	G	H	I
1	20	700							
2									
3									

2c. If cell A1 is greater than 20 and less or equal to 30, the function returns 1400.

B1		f_x	=IF(A1<=10,350,IF(A1<=20,700,IF(A1<=30,1400, 2000)))						
	A	B	C	D	E	F	G	H	I
1	27	1400							
2									
3									

2d. If cell A1 is greater than 30, the function returns 2000.

B1		f_x	=IF(A1<=10,350,IF(A1<=20,700,IF(A1<=30,1400, 2000)))						
	A	B	C	D	E	F	G	H	I
1	54	2000							
2									
3									

Note: to slightly change the boundaries, you might want to use "<" instead of "<=" in your own formula.

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Go to Top: Nested If | Go to Next Chapter: Cell References