



#1 Excel tutorial on the net

Excel

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Sumproduct

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To calculate the sum of the products of corresponding numbers in one or more ranges, use Excel's powerful SUMPRODUCT function.

1. For example, the SUMPRODUCT function below calculates the total amount spent.

C7		fx		=SUMPRODUCT(B2:B5,C2:C5)					
	A	B	C	D	E	F	G	H	I
1	Product	Quantity	Price						
2	Computer	2	1000						
3	Keyboard	4	250						
4	Mouse	4	100						
5	Printer	2	50						
6									
7		Total	3500						
8									

Chapter

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Note: the SUMPRODUCT function performs this calculation: $(2 * 1000) + (4 * 250) + (4 * 100) + (2 * 50) = 3500$.

2. The ranges must have the same dimensions or Excel will display the #VALUE! error.

COUN...		X ✓ fx		=SUMPRODUCT(B2:B5,C2:C4)					
	A	B	C	D	E	F	G	H	I
1	Product	Quantity	Price						
2	Computer	2	1000						
3	Keyboard	4	250						
4	Mouse	4	100						
5	Printer	2	50						
6									
7		Total	#VALUE!						
8									
9									

3. The SUMPRODUCT function treats any entries that are not numeric as if they were zeros.

	A	B	C	D	E	F	G	H	I
1	Product	Quantity	Price						
2	Computer	2	1000						
3	Keyboard	4	hi						
4	Mouse	4	there						
5	Printer	2	50						
6									
7		Total	2100						
8									
9									

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