

Calculating expressions with Excel - My Shop

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You should now learn to calculate expressions. You do this with the help of Excel.

You will run a fictitious shop, and you will stock inventory, set prices and perform various calculations.

We will return to this project several times over the course of the school year and expand it if necessary.

Instructions:

1. Open Excel on your computer and create a new workbook..
2. Create a table for your shop
You can use the table below for inspiration. The table must contain the following information:
 - a. At least 5 items of your choice
 - b. A price set by you for each item
 - c. The inventory when the store opens
 - d. The current inventory
 - e. The number of items sold

The table could look something like this:

My shop						
Item	Stock	Price in \$	Stock at beginning	Sold	Stock value in \$	
Cola	47	1,19	50	3	55,93	
Chocolate bar	48	1,5	50	2	72	
Marshmallows	46	0,89	50	4	40,94	
Peanuts	40	1,29	50	10	51,6	
Donuts	48	1,59	50	2	76,32	
Total					296,79	

3. Familiarize yourself with the "SUM" formula and how to use this formula. Also familiarize yourself with how to reference individual cells in the worksheet, as well as specifying entire ranges of cells in a formula.
You can study the reference spreadsheet.
4. Using this knowledge, try to create formulas for the following purposes+
 - a. A daily inventory for each item, based on the items sold
 - b. A daily value of your inventory for each item, as well as the total value of the inventory
 - c. Check your formulas by entering different values for the number of items sold and recalculating them manually if necessary.
5. **Bonus:** Familiarize yourself with the conditional formatting and let the stock appear red, when there are less than 20 items in stock of every article. Test that your conditional formatting is working.