

Exercise 1 - Absolute Values

Employees working for Summer Fashions receive a basic wage plus 20% commission on the total of their sales for a month. They are taxed at 35%. Using the spreadsheet below calculate the Net income for each employee. **Remember cells B3 and B4 will be absolute values.**

The solution to this exercise can be found on page 2 of this worksheet.

1. Type the following information and adjust column width if necessary.

	A	B	C	D	E	F	G
1	Summer Fashions						
2	Commission Rate	20%					
3	Tax	35%					
4							
5	Sales Person	Basic Pay	Sales	Commission	Gross Income	Tax	Net Pay
6	Edgar	€1200	€3000				
7	Sheila	€1300	€3100				
8	Wallace	€1600	€3500				
9	Deirdre	€1700	€3800				
10							

2. Save as **Fashion.xls**
3. In cell **D7** calculate the commission Edgar made on his sales. (**Hint:** Multiply Edgar's sales by 20%). Copy the formula down remaining rows.
4. In cell **E7** calculate the Gross Income for Edgar. (**Hint:** Add Edgar's commission and Basic Pay amount). Copy the formula down remaining rows.
5. Each employee is taxed at 35%. In cell **F7** calculate the tax for Edgar. (**Hint:** Multiply Edgar's Gross Income by 35%). Copy the formula down remaining rows.
6. In cell **G7** calculate Edgars Net Pay. (**Hint:** Subtract Edgar's Tax amount from his Gross Income). Copy the formula down remaining rows.
7. Save the changes made.

Solution

	A	B	C	D	E	F	G
1	Summer Fashions						
2	Commission Rate	20%					
3	Tax	35%					
4							
5	Sales Person	Basic Pay	Sales	Commission	Gross Income	Tax	Net Pay
6	Edgar	€1200	€3000	€600	€1,800	€630	€1,170
7	Sheila	€1300	€3100	€620	€1,920	€672	€1,248
8	Wallace	€1600	€3500	€700	€2,300	€805	€1,495
9	Deirdre	€1700	€3800	€760	€2,460	€861	€1,599
10							

Formula Solution

	A	B	C	D	E	F	G
1	Summer Fashions						
2	Commission Rate	20%					
3	Tax	35%					
4							
5	Sales Person	Basic Pay	Sales	Commission	Gross Income	Tax	Net Pay
6	Edgar	€1200	€3000	=C6*\$B\$2	=B6+D6	=E6*\$B\$3	=E6-F6
7	Sheila	€1300	€3100	=C7*\$B\$2	=B7+D7	=E7*\$B\$3	=E7-F7
8	Wallace	€1600	€3500	=C8*\$B\$2	=B8+D8	=E8*\$B\$3	=E8-F8
9	Deirdre	€1700	€3800	=C9*\$B\$2	=B9+D9	=E9*\$B\$3	=E9-F9
10							