

## Activity 10 - Combining Functions

### Before You Begin

The My Current Projects.xlsx workbook is open.

### Scenario

You are pleased with the progress of your bonus worksheet. Now that you have calculated the goal and category bonuses, as well as counted the number of category bonuses, you want to test to see which employees will be awarded with a Winner's Circle vacation. If employees exceed their targets and get a bonus in two or more business categories, they will be rewarded with a Winner's Circle vacation.

- 1) Begin a nested formula to test whether employees receive the Winner's Circle vacation.
  - a) Verify that the **Bonus** worksheet is selected and select cell **N8**.
  - b) Type **=IF(AND(** and then, on the **Formula Bar**, select **Insert Function**.
  - c) In the **Function Arguments** dialog box, in the **AND** function, verify that your cursor is in the **Logical1** text box.
  - d) Type **J8>0** and press **Tab**.
  - e) In the **Logical2** text box, type **L8>1**



- 2) Add the arguments for the IF portion of the nested function.
  - a) On the **Formula Bar**, select the **IF** function.

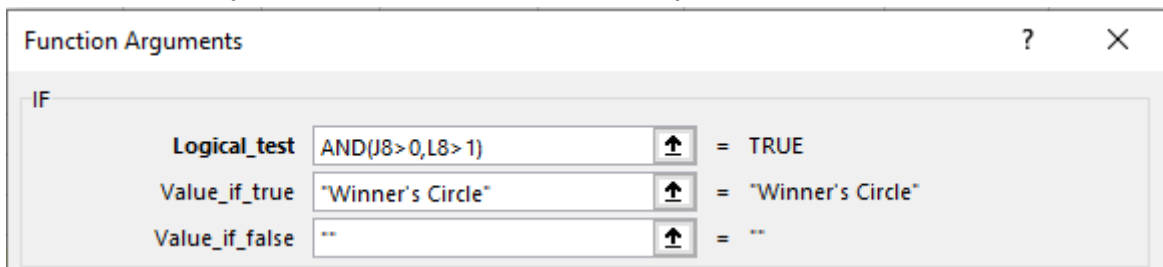


The **Function Arguments** dialog box will change from the **AND** function arguments to the **IF** function arguments.

- b) In the **Function Arguments** dialog box, in the **IF** function, select the **Value\_if\_true** text box, type **"Winner's Circle"** and press **Tab**.

c) In the **Value\_if\_false** text box, type "" and select **OK**.

There are no spaces between the double quotes.



d) AutoFill the formula in cells **N9:N11** to calculate the honor for the remaining employees.

Verify that only Mullins is awarded the Winner's Circle achievement.

Develetech Sales													
Rep	Cameras	Laptops	Printers	Desktops	Total Sales	Goal	Commission	Goal Bonus	Category Bonus	Bonus Count	Total Compensation	Honor	
Mullins	\$118,340	\$114,071	\$76,387	\$59,777	\$368,575	\$325,000	\$14,743	\$3,686	\$2,324.11	2	\$389,328	Winners Circle	
Little	\$82,580	\$123,394	\$44,257	\$30,770	\$281,001	\$275,000	\$11,240	\$2,810	\$1,233.94	1	\$296,285		
Brooks	\$147,238	\$27,118	\$87,111	\$109,726	\$371,193	\$400,000	\$14,848	\$0	\$3,440.75	3	\$389,481		
Berry	\$81,590	\$66,976	\$49,798	\$72,727	\$271,091	\$250,000	\$10,844	\$2,711	\$0.00	0	\$284,646		

3) Save the workbook and keep the file open.