Learning Goal: Students will be able to use the order of operations in order to complete formulas and functions in Excel 2016

Students will begin by downloading a practice document from **practice workbook**Perform a save as and call the document "complex formulas"

1. Create a formula in cell D6 that first adds the values of cells D3, D4, and D5 and then multiplies their total by 0.075. Hint: You'll need to think about the order of operations for this to work correctly.
2. Create a formula in cell D7 and correctly calculates the total cost of all 3 menu items as well as the sales tax.
3. Insert a new sheet in this workbook and rename this sheet "Mustang Lounge"
4. In the Mustang lounge worksheet, select cells C6:G10 and put a border around this selection both around the outside and inside of the selected cells.
5. Modify the column width and row height of cell C6 to have a column width of 15 and a row height of 30
6. Merge cells C6:G6
7. In this new merged cell. Type the name of a restaurant you would like to own.
8. Center align the text in your new merged cell.
9. Add a fill color of your choice to the merged cells.
10. In cells C7:C9, insert the names of 3 menu items you would carry at your restaurant.
11. In cell C10, type the word "total".
12. In cells D7:D9, insert the price of these menu items
13. In cells E7:E9, insert the quantity you will need to order (make them up)
14. In cells F7:F9, insert the taxable amount of 7%
15. In cells G7:G9, insert a formula that calculates the total per menu item.
16. In cell G10, insert a formula that calculates the total cost, with tax, of all 3 menu items.

Your spreadsheet should look something like this when you are finished

	A	B	C	D	E	F	G	H	I	J
1										
2										
3										
4										
5										
6				Lizeth's Café						
7			Pizza	$3.99	10	0.075	$42.89			
8			Burger	$3.50	20	0.075	$75.25			
9			Fries	$1.50	30	0.075	$48.38			
10			Total				$166.52			
11										
12										
13										
14										

17. Click the Challenge worksheet tab in the bottom-left of the workbook. In cell D7, create a formula that calculates the tax for the invoice. Use a sales tax rate of 7.5%.
18. In cell D8, create a formula that finds the total for the order. In other words, this formula should add cells D3:D7.
19. In cell D9 create a formula that calculates the total after a 10% discount.