Technology Applications Virtual Learning

Apple Store Product Sales

April 28, 2020

8th Grade Technology Applications
Lesson: April 28, 2020

Objective/Learning Target:
I can create a spreadsheet and use formulas to calculate Apple Store product sales.

Getting Started:

As an intern at the Apple Store, the store manager has asked you to keep track of weekly sales. You decide that the best way to present this information is to prepare a spreadsheet which will calculate the sales and tax totals she is looking for.
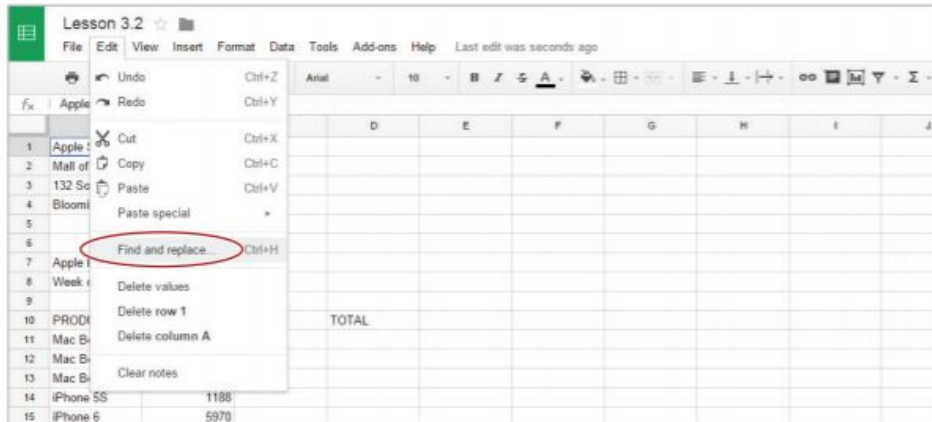
Practice:

1. Enter the data to the right exactly it is written

	A	B	C	D
1	Apple Store			
2	Mall of America			
3	132 South Avenue			
4	Bloomington, MN 55425			
5				
6				
7	Apple Product Sales			
8	Week of July 5-11			
9				
10	PRODUCT	SALES	TAX	TOTAL
11	Mac Book	10392		
12	Mac Book Air	10788		
13	Mac Book Pro	15588		
14	iPhone 5S	1188		
15	iPhone 6	5970		
16	iPhone 6 Plus	8970		
17	Watch Sport	7980		
18	Watch	5990		
19	iPad Mini	2970		
20	iPad Mini 2	2990		
21	iPad Mini 3	4788		
22	iPad Air	3192		
23	iPad Air 2	6487		
24	iPod Shuffle	490		
25	iPod Nano	1788		
26	iPod Touch	4975		
27	Apple TV	6555		
28				
29	Totals for the Week			
30	Average Daily Sales			
31				

Practice:

2. **Find and Replace Text. To find text within your spreadsheet and replace it with different text, from the Edit menu, select Find and replace.**

Practice:

3. In the Find and replace dialog box, type [Mac Book] in the Find field, type [MacBook] in the Replace with field, click Replace all, then click the Done button.

Practice:

4. **Format as Currency. To format numbers as dollars with the dollar symbol, commas, and decimal places, select column B and click the Currency icon. Hint: To select a column, click the column heading cell containing the column letter. To select multiple adjacent columns, hold down the Shift key while clicking the column heading cells. Use Ctrl when selecting non-adjacent columns.**
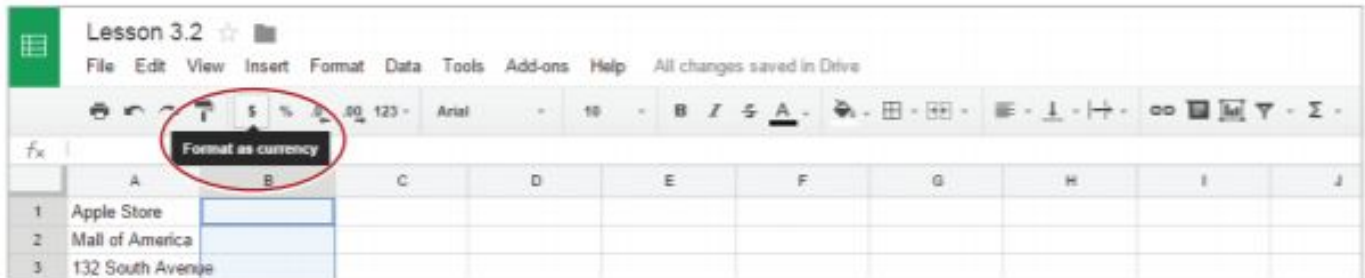
Practice:

5. Use Formulas. For Sheets to recognize that a formula is being used to calculate data, all formulas must begin with an equal sign.

6. Use Multiplication Formula. To calculate the sales tax using multiplication, in cell C11, type =B11*7%. Hint: This formula will multiply MacBook sales by the sales tax percentage.

10	PRODUCT	SALES	TAX	TOTAL
11	MacBook	$10,392.00	=B11*7%	
12	MacBook Air	$10,788.00		
13	MacBook Pro	$15,588.00		

a. Hit the Enter key for the spreadsheet to calculate the formula.

b. To apply the formula in cell C11 to other cells, select cell C11 and drag the Auto Fill handle down to cells C12-C27. Alternatively, double-click the Auto Fill handle in cell C11.

Practice:

7. Use Addition Formula. To add the sales and the sales tax, in cell D11, type =B11+C11.

10	PRODUCT	SALES	TAX	TOTAL		
11	MacBook	$10,392.00	$727.44	=B11+C11		
12	MacBook Air	$10,788.00	$755.16			
13	MacBook Pro	$15,588.00	$1,091.16			

a. Hit the Enter key for the spreadsheet to calculate the formula.

b. To apply the formula in cell D11 to other cells, select cell D11 and drag the Auto Fill handle down to cells D12-D27. Alternatively, double-click the Auto Fill handle in cell D11.
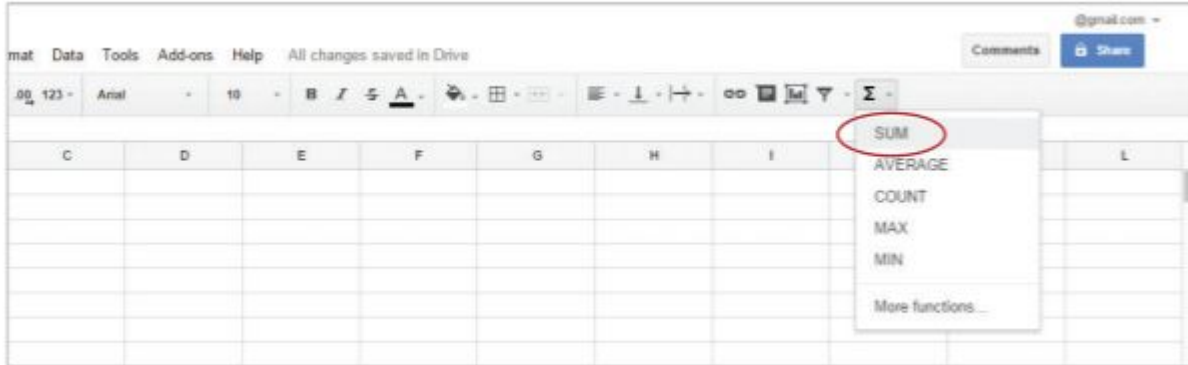
Practice:

8. Find the SUM. To calculate the sales totals for the week, do the following:

    a. In cell B29, from the Functions drop-down menu, select SUM.

Practice:

9. When prompted to input the range of cells, select cells B11-B27.
    a. Note: Cells B11-B27 will turn orange, and the formula =SUM(B11:B27) will appear in cell B29.

	PRODUCT	SALES	TAX	TOTAL
10	PRODUCT	SALES	TAX	TOTAL
11	MacBook	$10,392.00	$727.44	$11,119.44
12	MacBook Air	$10,788.00	$755.16	$11,543.16
13	MacBook Pro	$15,588.00	$1,091.16	$16,679.16
14	iPhone 5S	$1,188.00	$83.16	$1,271.16
15	iPhone 6	$5,970.00	$417.90	$6,387.90
16	iPhone 6 Plus	$8,970.00	$627.90	$9,597.90
17	Watch Sport	$7,980.00	$558.60	$8,538.60
18	Watch	$5,990.00	$419.30	$6,409.30
19	iPad Mini	$2,970.00	$207.90	$3,177.90
20	iPad Mini 2	$2,990.00	$209.30	$3,199.30
21	iPad Mini 3	$4,788.00	$335.16	$5,123.16
22	iPad Air	$3,192.00	$223.44	$3,415.44
23	iPad Air 2	$6,487.00	$454.09	$6,941.09
24	iPod Shuffle	$490.00	$34.30	$524.30
25	iPod Nano	$1,788.00	$125.16	$1,913.16
26	iPod Touch	$4,975.00	$348.25	$5,323.25
27	Apple TV	$6,555.00	$458.85	$7,013.85
28				
29	Totals for the We	=SUM(B11:B27)		
30	Average Daily Sales			
31				

    b. Hit the Enter key for the spreadsheet to calculate the formula.

Practice:

10. Use Division Formula. To calculate the average sales per day, in cell B30 type, =B29/7.
    a. Hint: This formula will divide total sales for the week by the number of days in a week.
    b. Hit the Enter key for the spreadsheet to calculate the formula.

Practice:

11. Resize column A so that all data is visible.
12. Center align cells A1-A4.
13. Change the cells A1-A4 back to left align.
14. Bold cells A10-D10.
15. Right align cells B10-D10.

Self-Assessment:

Create a rubric that could be used to assess this assignment.

Use the rubric to check to see if you completed everything.

Present your slideshow to a relative.

Additional Practice:

Find more items that you can add to this list and them calculate the totals.