

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

Fx	1				
	A	В	С	D	
1	Apple Store				
2	Mall of America				
3	132 South Aver	iue			
4	Bloomington, M	N 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 W	/eek			
30	Average Daily S	ales			
31					



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.

B			t View Insert	Format Data	Too	ils Add-ons	н	elp	Last ed	t was see	conds	s ago			
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1	Apple :	ð	Cut												
2	Mall of	Ø	Capy	Ctrl+C											
3	132 Sc	Ô	Paste	Ctrl+V											
4	Bloomi		Paste special												
5			Paste special												
6	0	-	Find and replace	Chil+H											
7	Apple I	-		-											
8	Week (Delete values												
9			Delete row 1												
10	PROD					TOTAL									
11	Mac B		Delete column A	k											
12	Mac B														
13	Mac B		Clear notes												
14	Phone	55	1 2	1188											
15	iPhone	6	4	5970											



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.

2	Apple Product :	Sales					
8	Week of July 5-	-11					
							×
10	PRODUCT	SALES	TAX	TOTAL	Find and reg	place	
35	Mac Book	10392					
12	Mac Book Air	10788			Find	Mac Book	
13	Mac Book Pro	15588				The second se	-
14	Phone 55	1188			Replace with	MacBook	
15	Phone 6	5978			Search	All aborts C	
95	Phone 6 Plus	8970			3375.02	Match case	
17	Watch Sport	7980				Match entire cell contents	
18	Watch	5990				Search using regular expressions Help	
19	Pad Mini	2970				Also search within formulas	
20	Pad Mini 2	2991					
21	Pad Mini 3	4788			Find	Inglace all Dave	
22	Pad Air	5192					
25	Pad Air 2	6487					
24	Pod Shuffle	490					



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.

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fx	Format as cur	C	D	E	F	G	н	1	
1	Apple Store								
2	Mall of America								
3	132 South Avenue								



- 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.	\$10,392.0	0 =011+7%_				
12	MacBook Air	\$10,788.0	10				
13	MacBook Pro	\$15,588.0	10				

- 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.



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



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.



- 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.

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С	D		E	F	G	н	1	AVERAGE	L
								COUNT	
								MIN	
								More functions	



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.

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		
28	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 V	W =SUM(811:827)				
30	Average Daily 5	Sales				
31						

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



- 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.

28		
29	Totals for the We \$101,101.00	
30	Average Daily S: =829/7	
31		
32		



- 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.