

Problem: As the chief accountant for Davis Mobile Concepts, a leading car audio dealer serving four states, you have been asked by the vice president to create a worksheet to analyze the yearly sales for each state (Figure 1–76). The packages and corresponding sales by state for the year are shown in Table 1–8.

**Figure 1–76**

**(a) Worksheet (b) Pie Chart**

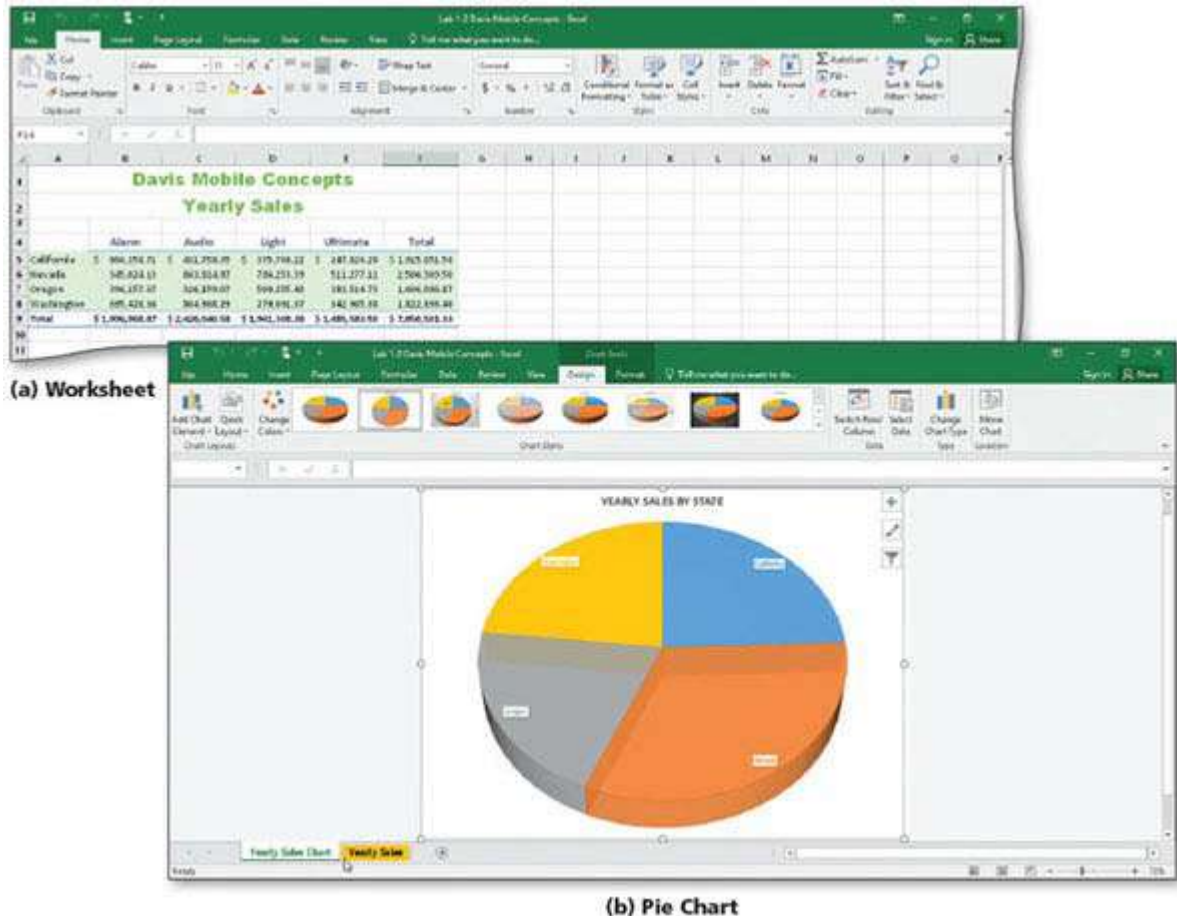


Table 1–8

**Davis Mobile Concepts**

	Alarm	Audio	Light	Ultimate
California	860358.71	431758.35	375708.22	247826.28
Nevada	345024.13	86381.48	786253.39	511277.11
Oregon	396157.67	326159.07	500255.40	383514.73
Washington	395428.36	804908.29	279091.37	342965.38

## Create the following tasks:

1. Create the worksheet shown in Figure 1–76a using the data in Table 1–8.
2. Use the SUM function to determine:
  - a. Total revenue for each of the four packages
  - b. Totals for each state
  - c. Company total
3. Add column and row headings for the totals row and totals column, as appropriate.
4. Format the worksheet title and subtitle with the Title cell style then merge and center them across columns A through F.
5. Use the Font group on the ribbon to format the worksheet title and subtitle as 18-point Arial Black.
6. Format the title and subtitle with Green, Accent 6 font color.
7. Format the range B4:F4 with the Heading 2 cell style and center the text in the cells.
8. Format the range A5:F8 with the 20% - Accent6 cell style and the range A9:F9 with the Total cell style.
9. Format cells B5:F5 and B9:F9 with the accounting number format and cells B6:F8 with the comma style format. If necessary, resize all columns to fit the data.
10. Create a 3-D pie chart and place it on its own sheet that shows the total sales contributions of each state.
  - a. Chart the state names (A5:A8) and corresponding totals (F5:F8).
  - b. Use the sheet tab name, Yearly Sales Chart.
  - c. Apply a chart style of your choosing.
  - d. Change the chart title to Yearly Sales by State.
11. Change the Sheet1 tab name to Yearly Sales and apply the Orange color to the sheet tab.
12. Save the workbook using the file name, LastName Davis Mobile Concepts.
13. Create a Header
  - a. Left section= sheet name element
  - b. Center section = Your Name and Period #
  - c. Right section= current date element
14. Create a Footer
  - a. Center section=File Name element
15. Save then print the worksheet in landscape orientation and make sure it fits on 1 page.
16. Submit the assignment as specified by your instructor. Keep printout and attach to your rubric.

Davis Mobile Concepts					
Yearly Sales					
	Alarm	Audio	Light	Ultimate	Total
California	\$ 860,358.71	\$ 431,758.35	\$ 375,708.22	\$ 247,826.28	\$ 1,915,651.56
Nevada	345,024.13	863,814.87	786,253.39	511,277.11	2,506,369.50
Oregon	396,157.67	326,159.07	500,255.40	383,514.73	1,606,086.87
Washington	395,428.36	804,908.29	279,091.37	342,965.38	1,822,393.40
<b>Total</b>	<b>\$ 1,996,968.87</b>	<b>\$ 2,426,640.58</b>	<b>\$ 1,941,308.38</b>	<b>\$ 1,485,583.50</b>	<b>\$ 7,850,501.33</b>