Reading for Week Three: Chapter 13-Graphs, 431-476

Create A Pictograph

You are to create a pictograph for the Sunshine Toy Company to be used in a printed sales brochure. We could also export as a TIFF file and place in a PowerPoint presentation or save in a web graphic format for the company web page.

The column graph must incorporate 3 Graph Designs representing 3 different toys. Dolls, trains, tops, blocks, robots, stuffed animals, you decide. You can use one category such as 3 different types of stuffed animals if you like. The graph will represent sales over 3 years: 1999, 2000, and 2001. Don't forget to put numbers you want to use as labels in straight quotes. The year labels will go in the left side of your Graph Data window. The top row is for the names of your toys which will make up the Legend which you must include.

	blue ball	red ball	yellow b...		
"1999"	25.00	50.00	15.00		
"2000"	35.00	45.00	25.00		
"2001"	45.00	78.00	30.00		

The Sales department has given you the numbers for each item:
First Item: 25, 35, 45
Second: 50, 45, 78
Third: 15, 25, 30.
Create the column graph without images first.

You can create the images to use for the toys or incorporate clip art. Remember only vector images can be used as Graph Designs. Don't apply effects or drop shadows. Be sure to draw a boundary box with no fill or stroke around each image, select it and the image before you go to Graph Design. ☛Make the boundary box bigger than your object if you want some space around it when stacked in a column. Click on New Design and once you see your image, select Rename and give it a name.

To apply the Graph Designs you will need to select one of the toys (its colored box) in the Legend while depressing the Alt or Option. Continue clicking until you have selected all the columns in this toy category. Once selected you can go into Graph..Column and choose the appropriate image. Within this window you should select Repeating objects, each design should represent 5 units, and choose to either scale or chop the fractions. Check out the new column made up of your repeated image! ☛Make any changes before you continue. You can delete a design, choose the revised one and rename it. Make all three of your images into Graph Designs.

Once your graph is created you can still go back into the Graph Data to change numbers and the chart will auto update. You may need to change Column and Cluster widths within the Graph Type window, as well as adjust the number or length of tick marks. To complete the graph, move and resize the Legend, change the font and colors of label text, and add the name of the Sunshine Toy Company at the top of the document. Add any other elements, such as background color or images, as desired. For ★★★★, create a simple logo for the company modifying the text and incorporating image(s). Turn in a color print of your project.

Lab Evaluation

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	★★
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