Assignment-9

How will you create graphs using illustrator? Explain how one can edit labels or add symbols to the graphs.

Graphs are very useful diagrams when it comes time to visually express statistics. You will find them very useful for producing, for example, financial statements.

Creating graphs in Illustrator is as simple as **selecting the Graph Tool (from the Tools panel), clicking on your Art board and dragging and thus forming the area size of the graph**. It is also possible to type in the width and height of the graph, which is useful if you want to create graphs with specific dimensions.

If you decide to type in the dimensions of the graph, you should bear in mind that those dimensions are applied to the whole graph object (including labels, legend and x, y values), not just the graph chart.

Once you create this graph size and shape you will see that it's available as a single element (layer) in the Layers panel, usually with the name <Graph>. This might seem confusing at first but you'll get used to it very quickly.

Créer un graphe

To create a graph, first select one of the nine available graph tools. You will be able to change the type of graph a posteriori if desired. Then draw on the work plane the area you want the graph to occupy. You can also simply click on the art-board and specify the desired width and height settings. Enter the necessary data in the Graph Data window. The order of the data will vary depending on the type of graph chosen. Choose a cell and enter the desired value in the text capture field. You can also copy and paste data from a spreadsheet such as Excel into the Graph Data window. In addition, the first icon in the Graph data window allows you to import data

from a spreadsheet file, If you reverse the values of the graph by mistake, the second icon allows you to reverse them. To apply the data to the graph, tap the icon depicting a checkmark. To display the data of an existing graph, choose in the OBJECT / GRAPH / DATA menu.

Labels

Labels categorize values using text or numbers allowing them to be compared. The first cell in each row will create a group while each of the columns will list the values. A legend will be automatically created. To modify the positioning or the appearance of the elements of the graph, you can use the Direct Selection tool. To modify the type of graph, choose in the OBJET / GRAPH / ATTRIBUTES menu. To create a line break in the labels, use a vertical bar (ALTon Mac).

Adding symbols or images to graphs

 You can customize the value bars with images. To do this, it is then a matter of selecting the desired image and creating a new symbol by choosing in the OBJECT / GRAPH / SYMBOL menu. Click on Create then rename the symbol. To apply the symbol to a value bar, select the graph, rightclick and choose Bar. In the Bar window, select the desired symbol. The drop-down menu will allow you to choose whether you want the symbol to stretch, repeat, etc.