

Assignment-9

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

When it comes to visually expressing data, graphs are extremely useful diagrams. They'll come in handy when creating financial statements, for example.

In Illustrator, creating graphs is as simple as selecting the Graph Tool (from the Tools panel), clicking on your Art board, then dragging to construct the graph's area size. You can also enter in the graph's width and height, which is useful if you need to make graphs with specified dimensions.

If you choose to type in the graph's dimensions, keep in mind that they apply to the entire graph object (including labels, legends, and x, y values), not just the graph chart.

After you've created this graph size and form, you'll notice that it's available in the Layers panel as a single element (layer) with the name Graph>. This may appear perplexing at first, but you'll quickly become accustomed to it.

Créer un graphe

To make a graph, choose one of the nine graph tools provided. If desired, you will be able to change the type of graph a posteriori. Then, on the work plane, draw the area where you want the graph to go. You can also just click on the art-board and adjust the width and height to your liking. In the Graph Data window, fill in the required information. Depending on the graph type, the data will be in a different order. Select a cell and type the value you want in the text capture area. You may also copy and paste data into the Graph Data box from a spreadsheet programme like Excel.

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 OBJECT / GRAPH / ATTRIBUTES menu. To create a line break in the labels, use a vertical bar (ALT on Mac).

Adding symbols or images to graphs

Images can be used to modify the value bars. To do so, go to the OBJECT / GRAPH / SYMBOL menu and select the relevant image, then create a new symbol. After clicking Create, rename the symbol. Select the graph, right-click, and choose Bar to apply the symbol to a value bar. Select the desired symbol in the Bar window. You can pick whether you want the symbol to stretch, repeat, etc. from the drop-down option.