

Graphing Linear Functions: Summary of Strategies

Complete the following chart. Remember to save your chart to your course folder each time you update the chart.

In the first column, you will add the proper equation. For example, the linear form will be one of the following:

- $y = mx + b$
- $y - y_1 = m(x - x_1)$
- $Ax + By + C = 0$

In the second column, you will describe how to obtain a point or a slope from the linear form. Include notes about the manipulation of equations or the proper extraction of points.

In the third column, describe the procedure to follow when graphing.

Finally, you can record specific points to remember when using the strategy. Also, indicate any special cases where the normal procedure requires modification or adjustment.

Linear Form	Information to Obtain from Linear Form	Steps to Follow When Graphing	Special Cases and Tips