Name: _____   Period: _____   Date: _____

Graphing Checklist

✓ Type of graph appropriate for data: Line, histogram, Pareto, pie chart, etcetera.

✓ Title. More than just *x* versus *y*. What is this graph about? When?

✓ Variables assigned to independent and dependent axes properly.

✓ Scale. Both *x*- and *y*-axis scales are appropriate for the range of data and size of the graph. Should the scales be linear or logarithmic?

✓ Axis labels. Clearly indicate what the quantity is and the units. Example: Position (m) or Velocity (m/s).

✓ Legend when more than one series of data is on the graph. Consider using color.

✓ Add a best-fitting line (for linear relationship) or curve (for exponential and other curves) when appropriate (for example, in line graphs but not necessary in most bar charts).

✓ Include formatted data table(s) when necessary.

✓ Graph all critical points: local maxima, local minima, points of inflection.

✓ Graph is neat!

✓ Graph is easy to read!

✓ No unnecessary text or "glitz."

✓ Your name, your period and the date.