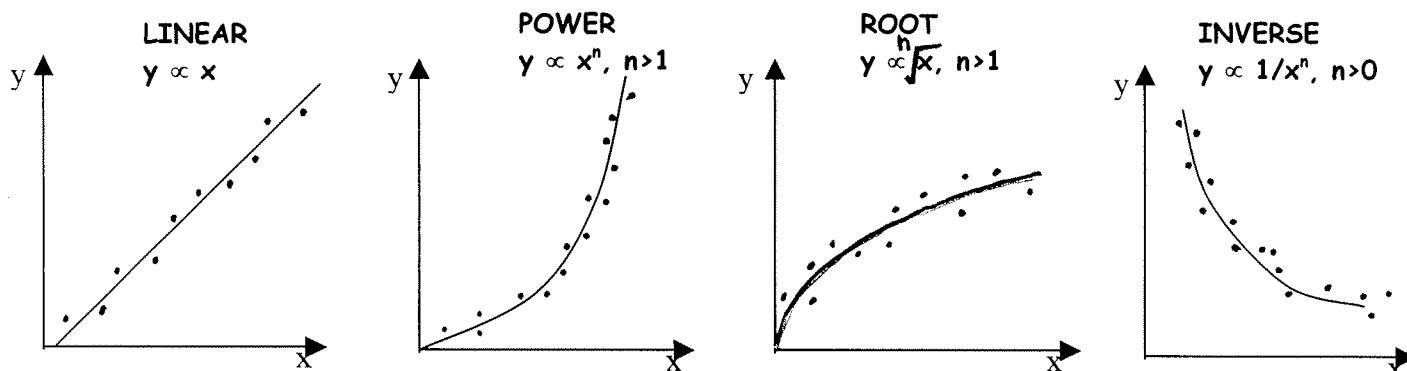
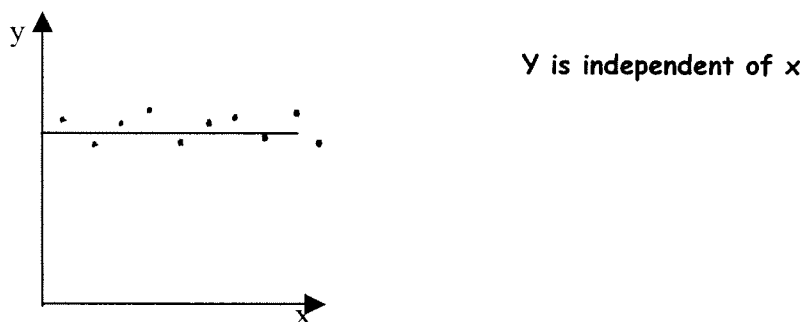


Relationships between Variables

There are **FOUR** general forms of relationships that can exist between an independent variable, x , and a dependent variable, y . These general relationships are shown below:



Sometimes there is no dependence between the variable, x , and the second variable, y . If this is the case, then changes in the x variable will have no effect on the y variable. Thus, a plot of y versus x will appear as a straight horizontal line.



Types of relationships between experimental variables can be identified by examining plots of experimental data and looking for these general graph shapes!