Parent function project

You will be creating a parent function book. Each parent function will consist of at least 3 pages.

Page 1  will consist of a verbal description of the parent function's shape, the equation and a graph. You will also have domain, range, x intercepts, y intercepts, where it is increasing and/ or decreasing, whether it is odd or even and any asymptotes. You will include the following functions:

a. Linear
b. Absolute Value
c. Quadratic
d. Cubic
e.  Square root
f. Rational

Page 2 will include a shift of the parent function. You must have at least one transformation (vertical shift, a horizontal shift, stretch or shrink).  You will have a verbal description, a graph, the equation for the new function, the domain, range, x intercepts, y intercepts, where it is increasing and/ or decreasing, and any asymptotes.

Page 3 will include a picture from a magazine, book, or your own picture (if you can draw well). Highlight the image that shows the graph you are using.