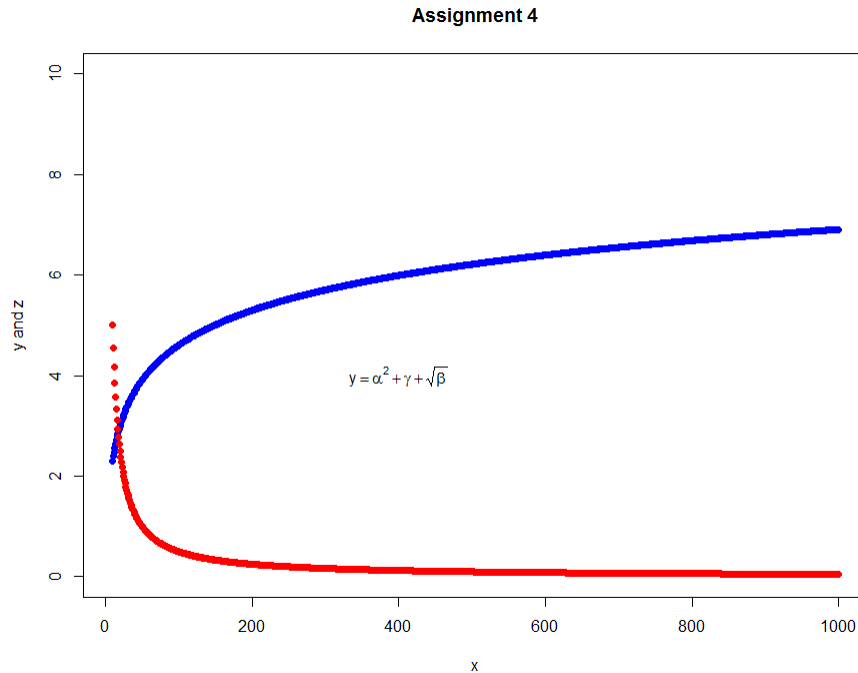


## Assignment 4

Create a vector called `x` and place values 10 to 1000. Create a `y` vector that takes the square root of the log of numbers in `x`. Create a `z` vector with values  $50/x$ . Plot `x`, `y`, and `z` as shown below. Your task is to create the mathematical expressions displayed on the graph. Hint: the function to use is `expression()`. Once you get the expression, use `text(x,y,label)` to place the formulas.



Save all the code above in a script file called `A4yourname`. Make sure to include ample comments to describe your code. Upload your script to submit the assignment.

**(A significant portion of your grade will depend on adequate commenting of the code. Make sure to include your name in the code as a comment).**

**(Please read: By submitting the assignment, you are confirming that this represents your own work, and that no part of the work submitted has been copied from others. Consequences for cheating can be quite serious. It can lead to not only failing the course but also dismissal from the program)**