* Task #2

Solving x^3-7x^2+15x-9 = 0

When f(x) = 0 x = 1 or 3, so in function3, the value will be indefinite when x is either 1 or 3.

* Task #3

As x approaches zero the values of the function seem to get close to every number between -1 and 1 on the y-axis. In this situation, the limit does not exist. So for the interval (-1,1), limit does not exist.