

Assignment 1

MA 1123

Oct 2015

Due in Lecture Monday 12th Oct

Q 1 : Do the same for two Odd functions and one odd and one Even as was done in tutoree for Even and Even

Q 2 : Prove $|a - b|$ = the distance from a to b .

Q 3 : Do the same for 1-1 and onto functions as we did for Even and odd functions

Q 4 : Prove, from the definition, that

$$\lim_{x \rightarrow 2} x^3 + 2x^2 - 1 = 15$$

Q 5 : For what set of real numbers x does $|2x - 3| < 4$?