1) The equation $x^2 + 3x = 37$
    has a solution between 4 and 5.
    Use a trial and improvement method to find this solution.
    Give your answer to one decimal place.
    You must show ALL your working.

2) The equation $x^2 - 4x = 6$
    has a solution between 5 and 6.
    Use a trial and improvement method to find this solution.
    Give your answer to one decimal place.
    You must show ALL your working.