A25 Trial and Improvement Harder Questions

1) The equation $x^3 + 3x = 114$
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 $x^3 - 2x = 9$
has a solution between 2 and 3.

Use a trial and improvement method to find this solution.
Give your answer to one decimal place.

You must show ALL your working.

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