1) Using a trial and improvement method, solve the equation $x^2 - x = 56$
You must show ALL your working.

2) Using a trial and improvement method, solve the equation $x^2 + 4x = 21$
You must show ALL your working.

3) Using a trial and improvement method, solve the equation $x^3 + 2x = 72$
You must show ALL your working.

4) Using a trial and improvement method, solve the equation $x^3 - 3x = 110$
You must show ALL your working.