

Exam Questions

Q1. Show that the equation $x^3 + 3x - 7 = 0$ has a solution between x = 1 and x = 2.

Using trial and improvement, find this solution correct to 1 decimal place. Show all your trials and their outcomes.

Q2. The equation $x^3 - 6x = 72$ has a solution between 4 and 5. Use a trial and improvement method to find this solution. Give your answer correct to one decimal place. You must show **all** your working.

Q3. The equation

 x^{3} -3x = 15

has a solution between 2 and 3. Use a trial and improvement method to find this solution.

Give your answer correct to 1 decimal place. You must show **all** your working

