

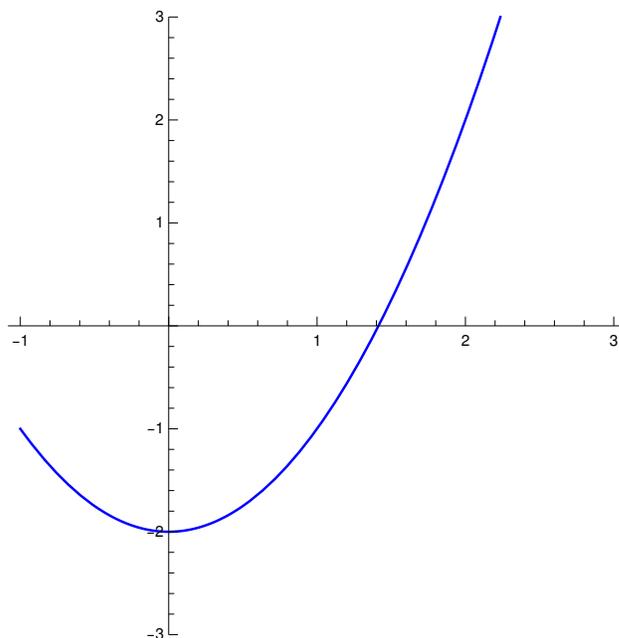
INTRODUCTION TO CALCULUS

MATH 1A

UNIT 21: WORKSHEET

Finding roots

Problem 1: In the following graph $y = x^2 - 2$ trace a Newton step starting at $x = 1.0$.



Problem 2: Now do a second step!

Problem 3: Illustrate the mean value theorem, the intermediate value theorem and Rolle's theorem with a picture.

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