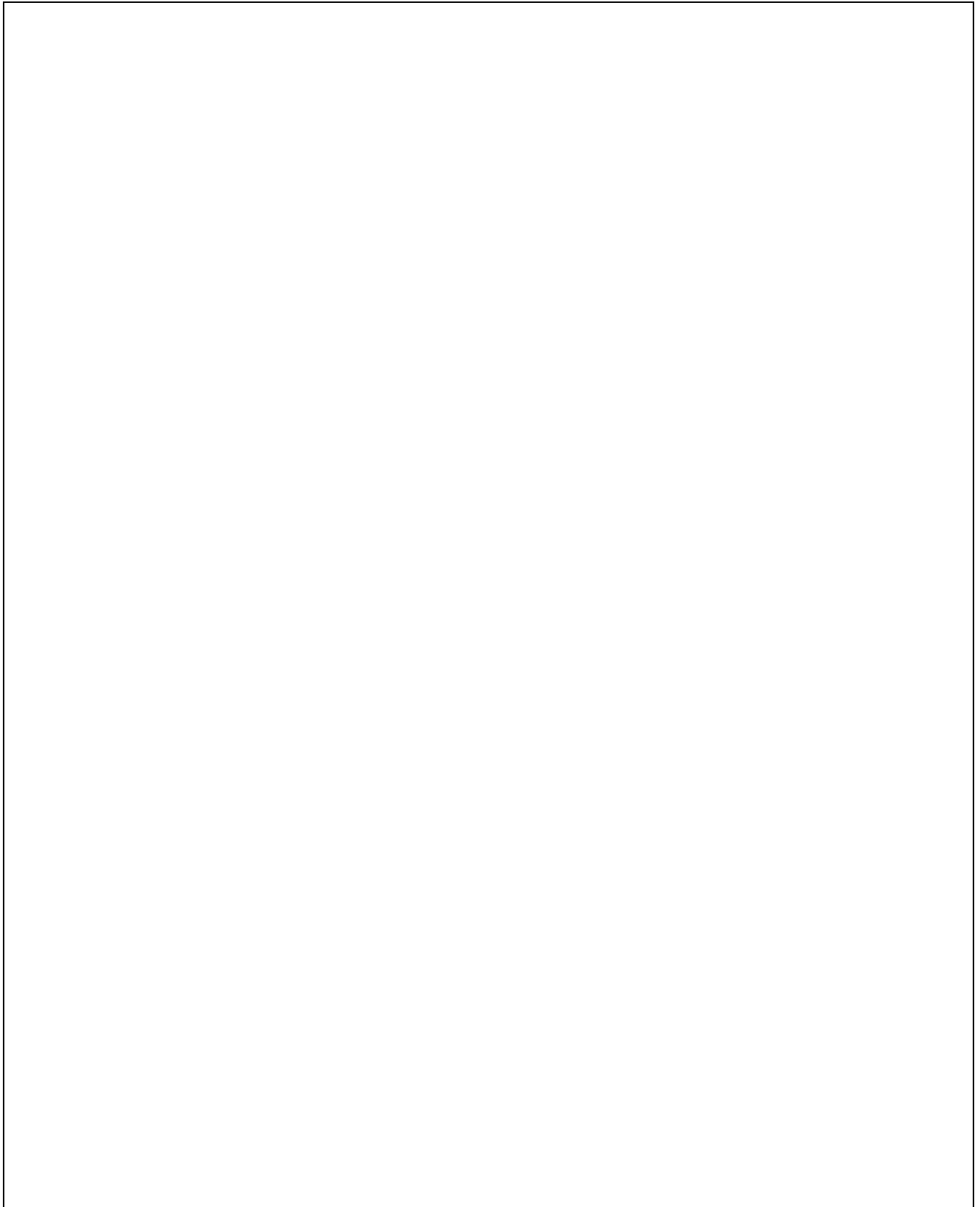


Show how to set up variables and equations to translate the following problem into algebra. Then solve the problem.

Given two numbers that are less than a third number and the ratio of their deficiencies, find the third number.

A large empty rectangular box with a thin black border, intended for the student to write their solution to the problem. The box occupies most of the page below the instructions.