
Solution Manual to *The Art and Craft of Problem Solving*

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1 Chapter 1

This chapter is simply an introduction to the book, its conventions and 'the art and craft of problem solving' itself. The only problems are in chapter 1.3.

1.3

This section includes samples of 'recreational problems' (1.3.1 – 1.3.3), 'contest problems' (1.3.4 – 1.3.16), and 'open-ended problems' (1.3.17 – 1.3.20).

Recreational Problems

1.3.1 In this problem, it suffices to show that if, on the first day, the monk starts at the base of the mountain and finishes at the summit, and that on the second day, the monk starts at the summit and finishes at the base, he would have 'crossed paths with his ghost'.

Contest Problems

Open-Ended Problems