

# Strategic Decision Making

## Five questions

**Q1.** The bat and ball you have bought cost £11. The bat cost £10 more than the ball. How much did the ball cost?

**Q2.** Is the population of Chile greater than 40 million? What's your estimate of the population of Chile?

**Q3.** Linda is 31 years old, single, outspoken and very bright. She majored in philosophy. As a student she was deeply concerned with issues of discrimination and social justice, and also participated in anti-nuclear demonstrations. Do you think it is more likely that Linda is:

a) a bank clerk or

b) bank clerk and active in the feminist movement?

**Q4.** There are four cards. Each has a number on one side and a letter on the other. The four upward faces show the cards as C, S, 7, 1. You suspect that if a card has a C on one side it has a 7 on the other side. Which of the four cards needs to be turned over to either confirm or refute this hypothesis? (Choose only the cards that are critical to this task.)

**Q5.** Write down your estimate of the number of gold medals that Finnish competitors won in summer Olympic Games between 1896 and 1992 inclusive. Put an upper and lower bound to your estimate so that you are 90% confidence that your range will include the true number of gold medals won by Finns at these games.