

## Introduction to Demographic Methods

### Session 4 Exercise

1. Check the correct answer

Suppose there were 1000 births in 1995 in a given community and of these 90 died before Jan. 1, 1996 and 50 died after Jan. 1, 1996 but before reaching their first birthday. What is the cohort probability of death before age 1 (You can draw a Lexis diagram to represent the data)?

100    140    150 per 1,000

2. Check the correct answer

The shape of a cohort's experience in an age group is represented in a Lexis diagram as a:

- A rectangle
- A square
- A parallelogram
- A triangle

## **Introduction to Demographic Methods**

### **Session 4 Answers**

1. 140

2. A parallelogram