

# My probability and statistics exercises

Evgeny Markin

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# Chapter 1

## Introduction to Probability

### 1.1 The History of Probability

### 1.2 Interpretations of Probability

### 1.3 Experiments and Events

### 1.4 Set Theory

*Exercises in this section (or exercises similar to them) are handled in the set theory course*

### 1.5 The Definition of Probability

#### 1.5.1

$$2/5$$

#### 1.5.2

$$0.7$$

#### 1.5.3

(a)

$$1/2$$

(b)

(c)  $1/6$

$3/8$

**1.5.4**