

## Basics of Probability Theory

Instructor: *Xi Chen*

Scribes: *Your Name*

### 1 Section Title

Test ...

**Theorem 1** (The Fundamental Theorem).  $1 + 1 = 2$

#### 1.1 Subsection

Prove a lemma:

**Lemma 2.** ...

*Proof.* How to prove it ...

**Definition 3.** ...

**Claim 4.** ...

**Observation 5.** ...

**Example 6.** ...

□