

CS 40 (Fall 2015) – Foundations of Computer Science  
Due at 4:00pm, Friday, Oct. 16th

## Homework 2

*Instructor: Huijia Lin*

*TA: Abhabongse (Plane) Janthong, Shiyu Ji*

**Your name and section go here**

**Total 220 pts**

### **Part 1 — Functions (120 pts)**

Problems 1, 5, 12, 14, 21, 23, 26, 34, 38, 42, 45 in Section 2.3 in the textbook.

**Point assignment:** 34 has 20 pts and all other problems have 10 pts.

### **Part 2 — Set Cardinality (100pts)**

Problems 2, 9, 10, 14, 18, 34, 35, 38 in Section 2.5 in the textbook.

**Point assignment:** 9 and 38 have 20 pts and all other problems have 10 pts.