

# CS170 — Fall 2017— Homework 9 Solutions

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## **0. Who Did You Work With?**

Collaborators: Kevin Vo, Aleem Zaki, Jeremy Ou

## 1. Basic Complexity Concepts

- (a)
- (b)
- (c)
- (d)
- (e)
- (f)

## **2. Proving NP-completeness by generalization.**

- (a)
- (b)
- (c)
- (d)
- (e)

### **3. Reduction, Reduction, and Reduction**

- 1.
- 2.
- 3.

## **4. Rad Reduction**