

PROBLEM SET 4
Due Friday, April 28, in class

Reading: Sections 3.3–3.4, 4.1

1. Section 2.4, Exercise 20.
2. Section 3.3, Exercise 6.
3. Section 3.3, Exercise 20.
4. Section 3.3, Exercise 40.
5. Which amounts of money can be formed using just dimes and quarters? Prove your answer using a form of mathematical induction.
6. Section 3.3, Exercise 54
7. Section 3.4, Exercise 12
8. Section 3.4, Exercise 44