

Math 215
Homework 10
Due Friday, November 14

Read Section 12. Exercises from the text: 12.2, 12.3, 12.4, 12.6

To turn in:

1. Problem 18, page 185. Give both proofs as requested in the problem.
2. Problem 20, page 185.

Hint: Let X be your set of 10 integers. Consider the function from the power set $\mathcal{P}(X)$ to the integers, which sends a subset to its sum.