

**MATHEMATICS 361 — FALL 2019**

**SET THEORY**

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**HOMEWORK ASSIGNMENT NO. 4, DUE ON THURSDAY, OCTOBER 3**

*These problems are about “pure set theory”; that is, we assume there are no atoms, so everything is a set. Hence “ $\forall x$ ” means “for every set  $x$ ”, and “ $\exists x$ ” means “there exists a set  $x$  such that”.*

Book, Pages 52, 53, 54, Exercises 11, 13, 15, 21, 22, 24, 28.