

MATHEMATICS 361 — FALL 2019

SET THEORY

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HOMEWORK ASSIGNMENT NO. 2, DUE ON THURSDAY, SEPTEMBER 19

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”.

1. Book, Page 26, Exercises 5,7,10.
2. Book, Pages 32,33, Exercises 12,20,22,35,
3. Book, Pages 33,34, Exercises 32,33,36.