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MATH 3000: BRIDGE TO HIGHER MATHEMATICS  
MATH 7000: THINKING MATH: INTRO TO PROOF  
HOMEWORK SETS AND EXAMS

YONGWEI YAO

2025 SUMMER SEMESTER  
GEORGIA STATE UNIVERSITY

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HW Set #1, Problems	1
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**Note.** Math 3000 is one of the **CTW** (Critical-Thinking-through-Writing) courses. Throughout the semester, students of Math 3000 shall complete their weekly homework assignments accordingly.

Each homework assignment contains five (5) problems. The homework problems are graded according to the CTW standards on **presentation of solutions and proofs**. Math 7000 students are expected to meet the same high standards on their **presentation of solutions and proofs** as well.

Three (3) PDF files are provided for the homework sets and exams, one with the problems only, one with hints, and one with solutions. Links are available below.

PROBLEMS

HINTS

SOLUTIONS

Coming soon.

PROBLEMS

HINTS

SOLUTIONS