

Name: _____

CIS 351 Sample CL5 Problem

1 September 2025

CL5: Combinatorial Logic Design

Design a circuit that takes two integers as input and returns the larger integer as output. Assume you have a “less than” circuit. You may draw the `less_than` circuit, muxes, decoders, equality circuits, adders, etc. as “black boxes”.

CIS 351 Sample CL5 Problem Solutions

Tue 2nd Sept, 2025

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