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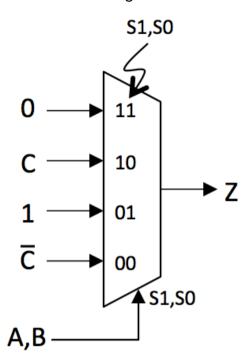
LE4.6

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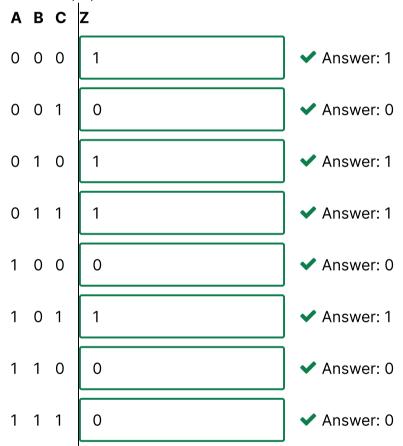
LE4.6.1: Mux Logic

8/8 points (ungraded)

Consider the following schematic for a mux-based implementation for a 3-input, 1-output Boolean function.



Please fill in the truth table below, giving the value of the output Z for the eight possible combinations of the inputs values A, B, and C.



Explanation

The first two rows of the truth table are filled with ${m C}$. The next two rows of the truth table are filled with 1. The next two rows of the truth table are filled with ${m C}$. The last two rows of the truth table are filled with 0.

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1 Answers are displayed within the problem

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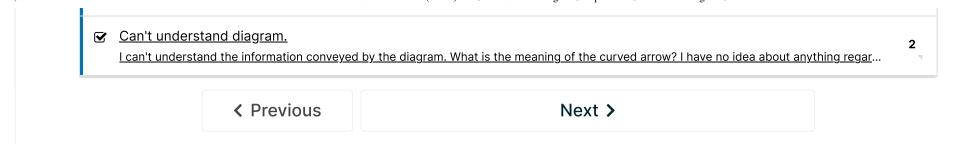
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Can't understand the diagram or how to solve

So a Mux is a data selector given the selector inputs. The selector inputs correspond to the 4 inputs, 0, 1, C and not C. And I'm assuming th...



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