

Suppose we set the enable pins correctly, and we set A = 0, B = 1, C = 0, D = 1, which output is chosen?

Because outputs are low, the output is 10.

2.3 The chosen output is high or low based on the IC pinout?

The selected will be low while all else will be high.

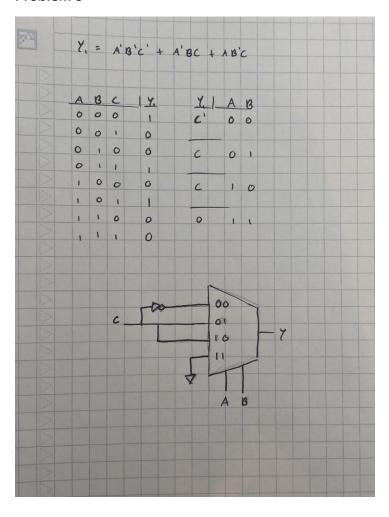
2.4 Given that the output number indicates the decimal value of the inputs, which input (A or B or C or D) should be considered the most significant bit?

A is the most significant bit.

2.5 Given that the output number indicates the decimal value of the inputs, which input (A or B or C or D) should be least significant bit?

D is the least significant bit.

Problem 3



Problem 4

