

# 4 Digital Logic Combinational Building Blocks

Submission form revision December 30, 2025

I am submitting my own work, and I accept penalties will be assessed against me if I submit work that isn't mine.

Point Scale  
4: Exemplary  
3: Complete  
2: Incomplete  
1: Minor effort  
0: Not submitted

Print Name \_\_\_\_\_ Sign Name \_\_\_\_\_ Date \_\_\_\_\_ Asst. Signature \_\_\_\_\_

Requirements	Pts	x Wt =	Score
1. Multiplexor 1		x 2 =	
2. Multiplexor 2		x 2 =	
3. Multiplexor 3		x 2 =	
4. Decoder		x 1 =	
5. Encoder		x 1 =	
6. Shifter		x 2 =	
7. Homework problems		x 2 =	

Total Score (add all rows)

Leave blank for on-time submission, or:

Enter **+5** if one or more weeks early; Enter **-12** if one or two weeks late; Enter **X** if two or more weeks late

Requirements Possible Score	48	Add the two rows above for the Requirements Earned Score Enter <b>0</b> if more than two weeks late	
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Challenges	Pts	x Wt =	Score
1. 12:1 Multiplexor		x 2 =	
2. Minterm Multiplexor		x 2 =	

Total Score (add all rows)

Leave blank for on-time submission, or:

Enter **+2** if one or more weeks early; Enter **-4** if one or two weeks late; Enter **X** if two or more weeks late

Challenges Possible Score	16	Add the two rows above for the Challenges Earned Score, or Leave blank if no challenges submitted, or Enter <b>0</b> if more than two weeks late	
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