**Pre-Lab Worksheet #3 NAME: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ LAB Section: B0\_\_**

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| 1. **Truth table**:  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | |  |  |  |  |  |  |  | |  |  |  |  |  |  |  | |  |  |  |  |  |  |  | |  |  |  |  |  |  |  | |  |  |  |  |  |  |  | |  |  |  |  |  |  |  | |  |  |  |  |  |  |  | |  |  |  |  |  |  |  | |  |  |  |  |  |  |  | |  |  |  |  |  |  |  | |  |  |  |  |  |  |  | |  |  |  |  |  |  |  | |  |  |  |  |  |  |  | |  |  |  |  |  |  |  | |  |  |  |  |  |  |  | |  |  |  |  |  |  |  | |  |  |  |  |  |  |  | |
| 1. **Karnaugh Map:**  |  |  |  |  |  | | --- | --- | --- | --- | --- | | \ | 00 | 01 | 11 | 10 | | 00 |  |  |  |  | | 01 |  |  |  |  | | 11 |  |  |  |  | | 10 |  |  |  |  | |
| **5&6. Your Circuit: (Please be neat & indicate pin numbers on all chips.)**  Strobe is connected to: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 1. Truth Table:  |  |  |  |  |  | | --- | --- | --- | --- | --- | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | A\BC | 00 | 01 | 11 | 10 | | 0 |  |  |  |  | | 1 |  |  |  |  |      |  |  |  |  |  | | --- | --- | --- | --- | --- | | A\BC | 00 | 01 | 11 | 10 | | 0 |  |  |  |  | | 1 |  |  |  |  | |
| 1. **Your Circuit: (Please be neat & indicate pin numbers on all chips.)** |