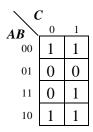
CSCI 2150 – Karnaugh Map Homework

| Name: |
|-------|
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1. Derive the minimum SOP expression from the Karnaugh map below. Be sure to show all steps.



2. Derive the minimum SOP expression from the Karnaugh map below. Be sure to show all steps.

| ∖ CD | | | | | |
|------|----|----|----|----|--|
| AB | 00 | 01 | 11 | 10 | |
| 00 | 1 | 1 | 0 | 1 | |
| 01 | 0 | 0 | 0 | 0 | |
| 11 | 0 | 0 | 1 | 0 | |
| 10 | 1 | 1 | 1 | 0 | |