第二题：

1. k-Map for and 

① for 

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| cd  ab | 00 | 01 | 11 | 10 |
| 00 | t |  |  |  |
| 01 |  |  |  |  |
| 11 |  |  | t |  |
| 10 |  |  |  |  |

②for 

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| cd  ab | 00 | 01 | 11 | 10 |
| 00 |  | t | t | t |
| 01 | t | t | t | t |
| 11 | t | t |  | t |
| 10 | t | t | t | t |

1. Find the monredundent prime implicent representation for and

①：for   and  ②for ：   

1. A test set that satifies implocant coverage for is: {FFFF，TTTT}
2. For ：{FFFF}，for  ：{TTTT}