

# CS101A-计算机导论-Assignment 8

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## Ex.1

A, D

## Ex.2

$$X = A + B = (A' \cdot B')'$$

Truth Table:

A	B	A'	B'	A' · B'	(A' · B')'
0	0	1	1	1	0
0	1	1	0	0	1
1	0	0	1	0	1
1	1	0	0	0	1

## Ex.3

B, C, D

## Ex.4

1. Seek time
2. rotation delay or latency time
3. access time
4. transfer rate

## Ex.5

$135_{10} = 1000\ 0111_2$ . The most significant bit: **1**. The least significant bit: **1**

$48_{10} = 0011\ 0000_2$ . The most significant bit: **0**. The least significant bit: **0**