

Knowledge

1. Give the address "1011010101" in gray the names of the following:

- a. A 2-bit subfunction part of the address calculation
- b. The 2-bit subfunction that is used for address calculation
- c. Address that is used for address calculation
- d. Address that is used for address calculation
- e. Address that is used for address calculation
- f. Address that is used for address calculation
- g. Address that is used for address calculation
- h. Address that is used for address calculation
- i. Address that is used for address calculation
- j. Address that is used for address calculation

2. How do you determine the address of the instruction that is used for address calculation?

- a. The address of the instruction that is used for address calculation is the address of the instruction that is used for address calculation.
- b. The address of the instruction that is used for address calculation is the address of the instruction that is used for address calculation.
- c. The address of the instruction that is used for address calculation is the address of the instruction that is used for address calculation.
- d. The address of the instruction that is used for address calculation is the address of the instruction that is used for address calculation.
- e. The address of the instruction that is used for address calculation is the address of the instruction that is used for address calculation.

3. Write the address of the instruction that is used for address calculation.

Address 1	Address 2	Address 3
Address 4	Address 5	Address 6
Address 7	Address 8	Address 9
Address 10	Address 11	Address 12
Address 13	Address 14	Address 15

4. Complete the following table:

Address	Value	Value	Value
Address 1	Value 1	Value 2	Value 3
Address 2	Value 4	Value 5	Value 6
Address 3	Value 7	Value 8	Value 9
Address 4	Value 10	Value 11	Value 12
Address 5	Value 13	Value 14	Value 15
Address 6	Value 16	Value 17	Value 18
Address 7	Value 19	Value 20	Value 21
Address 8	Value 22	Value 23	Value 24
Address 9	Value 25	Value 26	Value 27
Address 10	Value 28	Value 29	Value 30
Address 11	Value 31	Value 32	Value 33
Address 12	Value 34	Value 35	Value 36
Address 13	Value 37	Value 38	Value 39
Address 14	Value 40	Value 41	Value 42
Address 15	Value 43	Value 44	Value 45

5. Write the address of the instruction that is used for address calculation.

- Value 1
- Value 2
- Value 3
- Value 4
- Value 5
- Value 6
- Value 7
- Value 8
- Value 9
- Value 10
- Value 11
- Value 12
- Value 13
- Value 14
- Value 15
- Value 16
- Value 17
- Value 18
- Value 19
- Value 20
- Value 21
- Value 22
- Value 23
- Value 24
- Value 25
- Value 26
- Value 27
- Value 28
- Value 29
- Value 30
- Value 31
- Value 32
- Value 33
- Value 34
- Value 35
- Value 36
- Value 37
- Value 38
- Value 39
- Value 40
- Value 41
- Value 42
- Value 43
- Value 44
- Value 45