

**SOAL LATIHAN-1 TIK-1
BILANGAN DASAR PADA KOMPUTER**

type A

Nama Siswa :
 Kelas :
 No. Absen :

NILAI	PARAF

Hitunglah !

A. Konversi Binary ke Decimal

1. $10111_{(2)} = \dots_{(10)}$
2. $100110_{(2)} = \dots_{(10)}$
3. $1110111_{(2)} = \dots_{(10)}$
4. $10000111_{(2)} = \dots_{(10)}$

B. Konversi Decimal ke Binary

1. $45_{(10)} = \dots_{(2)}$
2. $112_{(10)} = \dots_{(2)}$
3. $227_{(10)} = \dots_{(2)}$
4. $1256_{(10)} = \dots_{(2)}$

C. Konversi Binary ke Octal

1. $11111_{(2)} = \dots_{(8)}$
2. $100111_{(2)} = \dots_{(8)}$
3. $1011011_{(2)} = \dots_{(8)}$
4. $10000011_{(2)} = \dots_{(8)}$

D. Konversi Octal ke Binary

1. $72_{(8)} = \dots_{(2)}$
2. $157_{(8)} = \dots_{(2)}$
3. $2134_{(8)} = \dots_{(2)}$
4. $16501_{(8)} = \dots_{(2)}$

E. Konversi Octal ke Decimal

1. $17_{(8)} = \dots_{(10)}$
2. $246_{(8)} = \dots_{(10)}$
3. $7123_{(8)} = \dots_{(10)}$
4. $12345_{(8)} = \dots_{(10)}$

F. Konversi Decimal ke Octal

1. $98_{(10)} = \dots_{(8)}$
2. $791_{(10)} = \dots_{(8)}$
3. $1288_{(10)} = \dots_{(8)}$
4. $32456_{(10)} = \dots_{(8)}$

G. Penjumlahan Binary

1. $110_{(2)} + 110_{(2)} = \dots_{(2)}$
2. $1011_{(2)} + 1001_{(2)} = \dots_{(2)}$
3. $1011_{(2)} + 11_{(2)} + 10_{(2)} = \dots_{(2)}$
4. $1011_{(2)} + 101_{(2)} + 1101_{(2)} = \dots_{(2)}$

H. Penjumlahan Octal

1. $13_{(8)} + 57_{(8)} = \dots_{(8)}$
2. $345_{(8)} + 76_{(8)} = \dots_{(8)}$
3. $473_{(8)} + 7245_{(8)} = \dots_{(8)}$
4. $442_{(8)} + 1623_{(8)} + 66_{(8)} = \dots_{(8)}$

I. Pengurangan Binary

1. $111_{(2)} - 10_{(2)} = \dots_{(2)}$
2. $1010_{(2)} - 10_{(2)} = \dots_{(2)}$
3. $10111_{(2)} - 101_{(2)} = \dots_{(2)}$
4. $100101_{(2)} - 111_{(2)} = \dots_{(2)}$

**SOAL LATIHAN-1 TIK-1
BILANGAN DASAR PADA KOMPUTER**

type B

Nama Siswa :
 Kelas :
 No. Absen :

NILAI	PARAF

Hitunglah !

A. Konversi Binary ke Decimal

1. $10110_{(2)} = \dots_{(10)}$
2. $100100_{(2)} = \dots_{(10)}$
3. $1110101_{(2)} = \dots_{(10)}$
4. $10000101_{(2)} = \dots_{(10)}$

B. Konversi Decimal ke Binary

1. $47_{(10)} = \dots_{(2)}$
2. $122_{(10)} = \dots_{(2)}$
3. $217_{(10)} = \dots_{(2)}$
4. $1236_{(10)} = \dots_{(2)}$

C. Konversi Binary ke Octal

1. $11011_{(2)} = \dots_{(8)}$
2. $100011_{(2)} = \dots_{(8)}$
3. $1010011_{(2)} = \dots_{(8)}$
4. $10001011_{(2)} = \dots_{(8)}$

D. Konversi Octal ke Binary

1. $74_{(8)} = \dots_{(2)}$
2. $155_{(8)} = \dots_{(2)}$
3. $2144_{(8)} = \dots_{(2)}$
4. $16511_{(8)} = \dots_{(2)}$

E. Konversi Octal ke Decimal

1. $18_{(8)} = \dots_{(10)}$
2. $256_{(8)} = \dots_{(10)}$
3. $7133_{(8)} = \dots_{(10)}$
4. $12335_{(8)} = \dots_{(10)}$

F. Konversi Decimal ke Octal

1. $96_{(10)} = \dots_{(8)}$
2. $793_{(10)} = \dots_{(8)}$
3. $1278_{(10)} = \dots_{(8)}$
4. $32446_{(10)} = \dots_{(8)}$

G. Penjumlahan Binary

1. $111_{(2)} + 110_{(2)} = \dots_{(2)}$
2. $1011_{(2)} + 1101_{(2)} = \dots_{(2)}$
3. $1111_{(2)} + 10_{(2)} + 10_{(2)} = \dots_{(2)}$
4. $1001_{(2)} + 111_{(2)} + 1101_{(2)} = \dots_{(2)}$

H. Penjumlahan Octal

1. $15_{(8)} + 56_{(8)} = \dots_{(8)}$
2. $355_{(8)} + 77_{(8)} = \dots_{(8)}$
3. $472_{(8)} + 7235_{(8)} = \dots_{(8)}$
4. $444_{(8)} + 1613_{(8)} + 67_{(8)} = \dots_{(8)}$

I. Pengurangan Binary

1. $110_{(2)} - 11_{(2)} = \dots_{(2)}$
2. $1110_{(2)} - 11_{(2)} = \dots_{(2)}$
3. $10111_{(2)} - 111_{(2)} = \dots_{(2)}$
4. $100101_{(2)} - 101_{(2)} = \dots_{(2)}$