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**Penjumlahan Biner :**

1. 1101₂ + 1011₂  
     
    1101  
    1011  
   +-----------  
    11000₂

Penjelasan perhitungan :

* 0 + 0 = 0
* 0 + 1 = 1
* 1 + 0 = 1
* 1 + 1 = 10 (bawa 1)

1. 11101₂ + 11011₂

11101  
 11011

+------------

110000₂

1. 110110101₂ + 101011010₂

110110101

101011010

+------------------

1100001111₂

**Pengurangan Biner :**

1. 10101₂ - 10011₂

10101

10011

* ----------

10₂

Penjelasan perhitungan :

* 0 - 0 = 0
* 1 - 0 = 1
* 1 - 1 = 0
* 0 - 1 = 1 (pinjam 1 dari kolom kiri)

1. 110010₂ - 101101₂

110010

101101

* ------------

101₂

1. 100110₂ - 11001₂

100110

11001

* -----------

1101₂

**Perkalian biner :**

1. 110₂ x 101₂

110

101

x–------

110

000

110

+-----------

11110₂  
  
Penjelasan :

* 0 × 0 = 0
* 0 × 1 = 0
* 1 × 0 = 0
* 1 × 1 = 1

1. 1011₂ × 110₂

1011

110

x—----------

0000

1011

1011

+---------------

1000110₂