



LKPD

Bilangan Biner kelas VII



Kelas VII

Kelompok:

Nama absen.....

Nama absen.....

Nama absen.....

Nama absen.....

SMP N 26 SEMARANG

- ## Latihan Soal

Jawab:

Jawab:

A cartoon illustration of a young boy and girl. The girl on the left has long brown hair and is wearing a white shirt with a blue tie and a pink backpack. The boy on the right has short brown hair and is wearing a white shirt with a blue tie and a yellow backpack. Both are resting their chins on their hands in a thinking pose. Above them is a thought bubble containing a glowing yellow lightbulb, symbolizing an idea or inspiration. The background is a light blue gradient.

1	0	0	1	
				$1 \times 2^0 = 1 \times 1 = 1$
			└───	$0 \times 2^1 = 0 \times 2 = 0$
		└───		$0 \times 2^2 = 0 \times 4 = 0$
	└───			$1 \times 2^3 = 1 \times 8 = 8$
				9

Jadi $1001_2 = 9_{10}$

Cara mengubah bilangan desimal ke bilangan biner

DESIMAL KE BINER

36₁₀ Angka 10 menunjukkan bahawa bilangan ini bertakrif di atas desimal

$2 \overline{) 36} = 18$	sisanya	0
$2 \overline{) 18} = 9$	sisanya	0
$2 \overline{) 9} = 4$	sisanya	1
$2 \overline{) 4} = 2$	sisanya	0
$2 \overline{) 2} = 1$	sisanya	0
$2 \overline{) 1}$	sisanya	1



Ubahlah bilangan desimal dibawah ini menjadi bilangan biner beserta caranya!

37

69

58

95

Ubahlah bilangan biner dibawah ini menjadi bilangan desimal beserta caranya!

110100

1001100

11100011

1011001

Kesulitan apa yang kalian alami saat mengubah bilangan biner ke desimal atau sebaliknya?

