

PENGURANGAN BILANGAN DESIMAL

1		$0 - 1 < 0$:	pinjam - 1 (10)	$0 - 1 + 10 = 9$
2	Hasil kurangi 1	$0 - 1 < 0$:	pinjam - 1 (10)	$0 - 1 + 10 = 9$; $9 - 1 = 8$
3	Hasil kurangi 1	$0 - 0 < 0$:	pinjam - 1 (10)	$0 - 0 + 10 = 10$; $10 - 1 = 9$
4	Hasil kurangi 1	$1 - 0 > 0$:		$1 - 0 = 1$; $1 - 1 = 0$

4	3	2	1	
0	10	10	10	
-1	-1	-1	0	
-1	9	9	10	
+	+	+	+	
1	0	0	0	
0	0	1	1	-
0	9	8	9	

1		$1 - 8 < 0$:	pinjam - 1 (10)	$1 - 8 + 10 = 3$
2	Hasil kurangi 1	$4 - 1 > 0$:		$4 - 1 = 3$; $3 - 1 = 2$
3		$0 - 7 < 0$:	pinjam - 1 (10)	$0 - 7 + 10 = 3$
4	Hasil kurangi 1	$8 - 0 > 0$:		$8 - 0 = 8$; $8 - 1 = 7$

4	3	2	1	
	10		10	
-1	0	-1	0	
-1	10	-1	10	
+	+	+	+	
8	0	4	1	
0	7	1	8	-
7	3	2	3	

1		$8 - 9 < 0$:	pinjam - 1 (10)	$8 - 9 + 10 = 9$
2	Hasil kurangi 1	$0 - 4 < 0$:	pinjam - 1 (10)	$0 - 4 + 10 = 6$; $6 - 1 = 5$
3	Hasil kurangi 1	$0 - 9 < 0$:	pinjam - 1 (10)	$0 - 9 + 10 = 1$; $1 - 1 = 0$
4	Hasil kurangi 1	$7 - 6 > 0$:		$7 - 6 = 1$; $1 - 1 = 0$

4	3	2	1	
	10	10	10	
-1	-1	-1	0	
-1	9	9	10	
+	+	+	+	
7	0	0	8	
6	9	4	9	-
0	0	5	9	

1		$0 - 9 < 0$:	pinjam - 1 (10)	$0 - 9 + 10 = 1$
2	Hasil kurangi 1	$0 - 9 < 0$:	pinjam - 1 (10)	$0 - 9 + 10 = 1$; $1 - 1 = 0$
3	Hasil kurangi 1	$0 - 1 < 0$:	pinjam - 1 (10)	$0 - 1 + 10 = 9$; $9 - 1 = 8$
4	Hasil kurangi 1	$3 - 2 > 0$:		$3 - 2 = 1$; $1 - 1 = 0$

4	3	2	1	
	10	10	10	
-1	-1	-1	0	
-1	9	9	10	
+	+	+	+	
3	0	0	0	
2	1	9	9	-
0	8	0	1	

PENGURANGAN BILANGAN HEXADESIMAL

1		$0 - 1 < 0$: pinjam - 1 (10)	$0 - 1 + 16 = 15 : F$
2	Hasil kurangi 1	$0 - 1 < 0$: pinjam - 1 (10)	$0 - 1 + 16 = 15 ; 15 - 1 = 14 : E$
3	Hasil kurangi 1	$0 - 0 < 0$: pinjam - 1 (10)	$0 - 0 + 16 = 16 ; 16 - 1 = 15 : F$
4	Hasil kurangi 1	$1 - 0 > 0$:	$1 - 0 = 1 ; 1 - 1 = 0$

4	3	2	1
	16	16	16
-1	-1	-1	0
-1	15	15	16
+	+	+	+
1	0	0	0
0	0	1	1 -
0	F	E	F

1		$1 - D < 0$: pinjam - 1 (10)	$1 - 13 + 16 = 4$
2	Hasil kurangi 1	$C - 1 > 0$:	$12 - 1 = 11 ; 11 - 1 = 10 : A$
3		$A - E < 0$: pinjam - 1 (10)	$10 - 14 + 16 = 12 : C$
4	Hasil kurangi 1	$8 - 0 > 0$:	$8 - 0 = 8 ; 8 - 1 = 7$

4	3	2	1
	16		16
-1	0	-1	0
-1	16	-1	16
+	+	+	+
8	A	C	1
0	E	1	D -
7	C	A	4

1		$1 - E < 0$: pinjam - 1 (10)	$1 - 14 + 16 = 3$
2	Hasil kurangi 1	$0 - F > 0$: pinjam - 1 (10)	$0 - 15 + 16 = 1 ; 1 - 1 = 0$
3	Hasil kurangi 1	$0 - F < 0$: pinjam - 1 (10)	$0 - 15 + 16 = 1 ; 1 - 1 = 0$
4	Hasil kurangi 1	$C - B > 0$:	$12 - 11 = 1 ; 1 - 1 = 0$

4	3	2	1
	16	16	16
-1	-1	-1	0
-1	15	15	16
+	+	+	+
C	0	0	1
B	F	F	E -
0	0	0	3

1		$0 - 9 < 0$: pinjam - 1 (10)	$0 - 9 + 16 = 7$
2	Hasil kurangi 1	$0 - 9 < 0$: pinjam - 1 (10)	$0 - 9 + 16 = 7 ; 7 - 1 = 6$
3	Hasil kurangi 1	$0 - 1 < 0$: pinjam - 1 (10)	$0 - 1 + 16 = 15 ; 15 - 1 = 14 : E$
4	Hasil kurangi 1	$B - 2 > 0$:	$B - 2 = 9 ; 9 - 1 = 8$

4	3	2	1
	16	16	16
-1	-1	-1	0
-1	15	15	16
+	+	+	+
B	0	0	0
2	1	9	9 -
8	E	6	7

PENGURANGAN BILANGAN BINER

1		$0 - 1 < 0$:	pinjam - 1 (10)	$0 - 1 + 2 = 1$
2	Hasil kurangi 1	$0 - 1 < 0$:	pinjam - 1 (10)	$0 - 1 + 2 = 1$; $1 - 1 = 0$
3	Hasil kurangi 1	$0 - 0 < 0$:	pinjam - 1 (10)	$0 - 0 + 2 = 2$; $2 - 1 = 1$
4	Hasil kurangi 1	$1 - 0 > 0$:		$1 - 0 = 1$; $1 - 1 = 0$

4	3	2	1
	2	2	2
-1	-1	-1	0
-1	1	1	2
+	+	+	+
1	0	0	0
		1	1
0	1	0	1

1		$0 - 1 < 0$:	pinjam - 1 (10)	$0 - 1 + 2 = 1$
2	Hasil kurangi 1	$0 - 1 < 0$:	pinjam - 1 (10)	$0 - 1 + 2 = 1$; $1 - 1 = 0$
3	Hasil kurangi 1	$1 - 1 = 0$:	pinjam - 1 (10)	$1 - 1 + 2 = 2$; $2 - 1 = 1$
4	Hasil kurangi 1	$0 - 1 < 0$:	pinjam - 1 (10)	$0 - 1 + 2 = 1$; $1 - 1 = 0$
5	Hasil kurangi 1	$1 - 0 > 0$:		$1 - 0 = 1$; $1 - 1 = 0$

5	4	3	2	1
	2	2	2	2
-1	-1	-1	-1	0
	1	1	1	2
+	+	+	+	+
1	0	1	0	0
	1	1	1	1
0	0	1	0	1

1		$0 - 1 < 0$:	pinjam - 1 (10)	$0 - 1 + 2 = 1$
2	Hasil kurangi 1	$0 - 0 < 0$:	pinjam - 1 (10)	$0 - 0 + 2 = 2$; $2 - 1 = 1$
3	Hasil kurangi 1	$1 - 0 > 0$:		$1 - 0 = 1$; $1 - 1 = 0$
4		$1 - 0 > 0$:		$1 - 0 = 1$
5		$1 - 1 = 0$:		$1 - 1 = 0$

5	4	3	2	1
0	0	2	2	2
0	0	-1	-1	0
	0	-1	1	2
+	+	+	+	+
1	1	1	0	0
1	0	0	0	1
0	1	0	1	1

1		$0 - 1 < 0$:	pinjam - 1 (10)	$0 - 1 + 2 = 1$
2	Hasil kurangi 1	$0 - 1 < 0$:	pinjam - 1 (10)	$0 - 1 + 2 = 1$; $1 - 1 = 0$
3	Hasil kurangi 1	$0 - 1 < 0$:	pinjam - 1 (10)	$0 - 1 + 2 = 1$; $1 - 1 = 0$
4	Hasil kurangi 1	$1 - 0 > 0$:		$1 - 0 = 1$; $1 - 1 = 0$
5		$0 - 1 < 0$:	pinjam - 1 (10)	$0 - 1 + 2 = 1$
6	Hasil kurangi 1	$0 - 0 = 0$:	pinjam - 1 (10)	$0 - 0 + 2 = 2$; $2 - 1 = 1$
7	Hasil kurangi 1	$0 - 0 = 0$:	pinjam - 1 (10)	$0 - 0 + 2 = 2$; $2 - 1 = 1$
8	Hasil kurangi 1	$1 - 0 > 0$:		$1 - 0 = 1$; $1 - 1 = 0$

8	7	6	5	4	3	2	1
0	2	2	2	0	2	2	2
-1	-1	-1	0	-1	-1	-1	0
-1	1	1	2	-1	1	1	2
+	+	+	+	+	+	+	+
1	0	0	0	1	0	0	0
			1	0	1	1	1
0	1	1	1	0	0	0	1