

PENJUMLAHAN BILANGAN DESIMAL

1		$1 + 9 \geq 10$:	$1 + 9 = 10$:	hasil $10 - 10 = 0$	simpan 1 (10)
2	Hasil tambah 1	$0 + 9 < 10$:	$0 + 9 = 9$:	hasil $9 + \mathbf{1} = 10 - 10 = 0$	simpan 1 (10)
3	Hasil tambah 1	$0 + 9 < 10$:	$0 + 9 = 9$:	hasil $9 + \mathbf{1} = 10 - 10 = 0$	simpan 1 (10)
4	Hasil tambah 1	$1 + 0 < 10$:	$1 + 0 = 1$:	hasil $1 + \mathbf{1} = 2$	

4	3	2	1	
1	1	1	0	
+	+	+	+	
1	0	0	1	
	9	9	9	+
2	0	0	0	

1		$2 + 9 \geq 10$:	$2 + 9 = 11$:	hasil $11 - 10 = 1$	simpan 1 (10)
2	Hasil tambah 1	$4 + 1 < 10$:	$4 + 1 = 5$:	hasil $5 + \mathbf{1} = 6$	
3		$8 + 7 \geq 10$:	$8 + 7 = 15$:	hasil $15 - 10 = 5$	simpan 1 (10)
4	Hasil tambah 1	$5 + 0 < 10$:	$5 + 0 = 5$:	hasil $5 + \mathbf{1} = 6$	

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

1		$8 + 6 \geq 10 :$	$8 + 6 = 14 :$	hasil $14 - 10 = 4$	simpan 1 (10)
2	Hasil tambah 1	$4 + 2 < 10 :$	$4 + 2 = 6 :$	hasil $6 + \mathbf{1} = 7$	
3		$9 + 9 \geq 10 :$	$9 + 9 = 18 :$	hasil $18 - 10 = 8$	simpan 1 (10)
4	Hasil tambah 1	$4 + 5 < 10 :$	$4 + 5 = 9 :$	hasil $9 + \mathbf{1} = 10 - 10 = 0$	simpan 1 (10)
5	Hasil tambah 1	$8 + 0 < 10 :$	$8 + 0 = 1 :$	hasil $8 + \mathbf{1} = 9$	

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

PENJUMLAHAN BILANGAN HEXADESIMAL

1		$1 + F \geq 16 :$	$1 + F = 16 :$	hasil $16 - 16 = 0$	simpan 1 (16)
2	Hasil tambah 1	$0 + F < 16 :$	$0 + F = F :$	hasil $F + 1 = 16 - 16 = 0$	simpan 1 (16)
3	Hasil tambah 1	$0 + F < 16 :$	$0 + F = F :$	hasil $F + 1 = 16 - 16 = 0$	simpan 1 (16)
4	Hasil tambah 1	$1 + 0 < 16 :$	$1 + 0 = 1 :$	hasil $1 + 1 = 2$	

4	3	2	1	
1	1	1	0	
+	+	+	+	
1	0	0	1	
	F	F	F	+
2	0	0	0	

1		A + 9 >=16 :	A + 9 = 19 :	hasil 19 - 16 = 3	simpan 1 (16)
2	Hasil tambah 1	4 + 6 < 16 :	4 + 6 = A :	hasil A + 1 = B	
3		D + 7 >=16 :	D + 7 = 20 :	hasil 20 - 16 = 4	simpan 1 (16)
4	Hasil tambah 1	E + 0 < 16 :	E + 0 = E :	hasil E + 1 = F	

4	3	2	1	
1	0	1	0	
+	+	+	+	
E	D	4	A	
	7	6	9	+
F	4	B	3	

1		$8 + 9 \geq 16 :$	$8 + 9 = 17 :$	hasil $17 - 16 = 1$	simpan 1 (16)
2	Hasil tambah 1	$F + 1 \geq 16 :$	$F + 1 = 16 :$	hasil $16 - 16 = 0 + 1 = 1$	simpan 1 (16)
3	Hasil tambah 1	$D + E \geq 16 :$	$D + E = 27 :$	hasil $27 - 16 = 11 + 1 = C$	simpan 1 (16)
4	Hasil tambah 1	$5 + 9 < 16 :$	$5 + 9 = E :$	hasil $E + 1 = F$	
5		$9 + 1 < 16 :$	$9 + 1 = A :$	hasil A	

5	4	3	2	1	
0	1	1	1	0	
+	+	+	+	+	
9	5	D	F	8	
1	9	E	1	9	+
A	F	C	1	1	

PENJUMLAHAN BILANGAN BINER

1		$1 + 1 \geq 2$:	$1 + 1 = 2$:	hasil $2 - 2 = 0$	simpan 1 (2)
2	Hasil tambah 1	$0 + 0 < 2$:	$0 + 0 = 0$:	hasil $0 + 1 = 1$	
3		$0 + 1 < 2$:	$0 + 1 = 1$:	hasil 1	
4		$1 + 0 < 2$:	$1 + 0 = 1$:	hasil 1	

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

1		$1 + 1 \geq 2$:	$1 + 1 = 2$:	hasil $2 - 2 = 0$	simpan 1 (2)
2	Hasil tambah 1	$1 + 1 \geq 2$:	$1 + 1 = 2$:	hasil $2 - 2 = 0 + 1 = 1$	simpan 1 (2)
3	Hasil tambah 1	$0 + 1 < 2$:	$0 + 1 = 1$:	hasil $1 + 1 = 2$:	simpan 1 (2)
4	Hasil tambah 1	$1 + 1 \geq 2$:	$1 + 1 = 2$:	hasil $2 - 2 = 0 + 1 = 1$	simpan 1 (2)
5	Hasil tambah 1	$0 + 0 < 2$:	$0 + 0 = 0$:	hasil $0 + 1 = 1$	

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

1		$1 + 0 < 2$:	$1 + 0 = 1$:	hasil 1	
2		$1 + 1 \geq 2$:	$1 + 1 = 2$:	hasil $2 - 2 = 0$	simpan 1 (2)
3	Hasil tambah 1	$1 + 1 \geq 2$:	$1 + 1 = 2$:	hasil $2 - 2 = 0 + 1 = 1$	simpan 1 (2)
4	Hasil tambah 1	$0 + 1 < 2$:	$0 + 1 = 1$:	hasil $1 + 1 = 2$:	simpan 1 (2)
5	Hasil tambah 1	$0 + 0 < 2$:	$0 + 0 = 0$:	hasil $0 + 1 = 1$	
6		$1 + 0 < 2$:	$1 + 0 = 1$:	hasil 1	

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