

Binary numbers

100

10

1

10^2

10^1

10^0

7

2

6

6

20

700

16

8

4

2

1

2^4

2^3

2^2

2^1

2^0

1

0

1

1

0

0

16

8

4

2

1

2^4

2^3

2^2

2^1

2^0

1

0

1

1

0

0

2

16 8 4 2 1

2^4 2^3 2^2 2^1 2^0

1 0 1 1 0

0

2

4

16

8

4

2

1

2^4

2^3

2^2

2^1

2^0

1

0

1

1

0

0

2

4

0

16	8	4	2	1
2^4	2^3	2^2	2^1	2^0
1	0	1	1	0
				0
			2	
		4		
	0			

16

16

Binary numbers

100	10	1		16	8	4	2	1
10^2	10^1	10^0		2^4	2^3	2^2	2^1	2^0
7	2	6		1	0	1	1	0
		6						0
	20						2	
700						4		
					0			
				16				

Binary numbers

Base	128	64	32	16	8	4	2	1	
Base	2^7	2^6	2^5	2^4	2^3	2^2	2^1	2^0	