

Hex table

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0000	0001	0010	0011	0100	0101	0110	0111	1000	1001	1010	1011	1100	1101	1110	1111

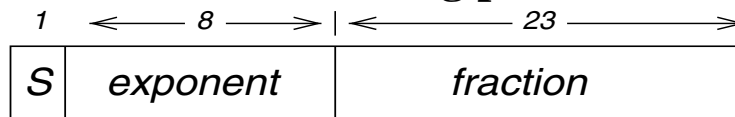
Powers of 2 -- negative

-5	-4	-3	-2	-1	0
.03125	.0625	.125	.25	.5	1

Powers of 2 -- positive

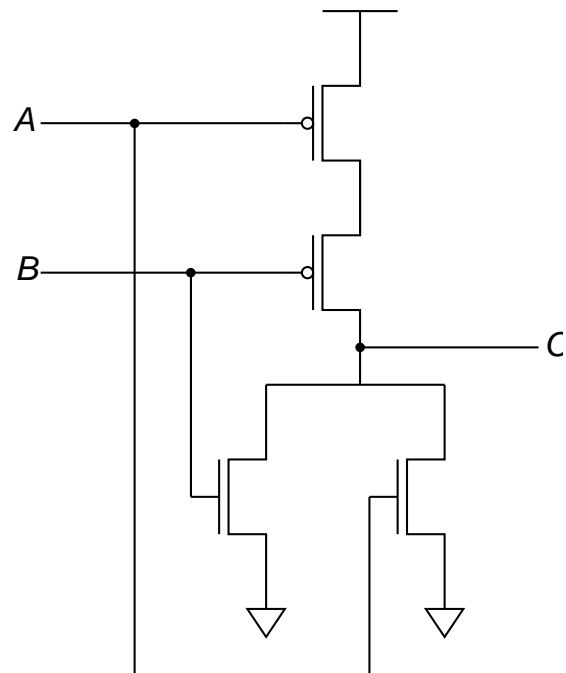
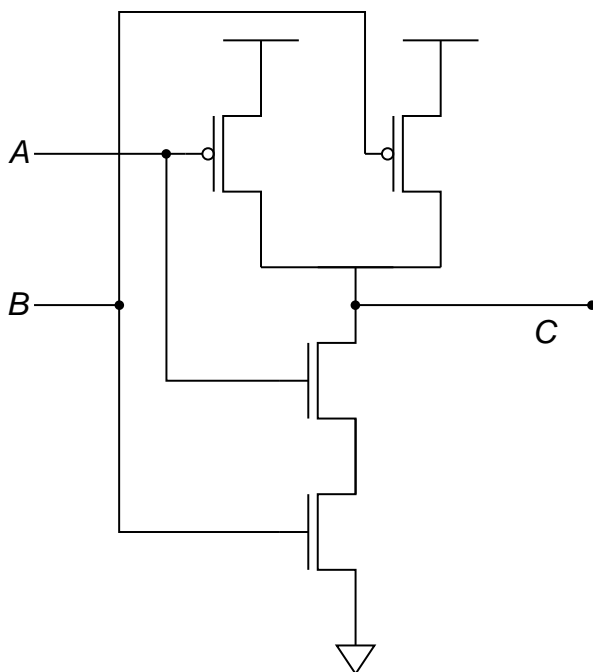
0	1	2	3	4	5	6	7	8	9	10
1	2	4	8	16	32	64	128	256	512	1024

IEEE floating point



$$N = (-1)^S \times 1.\text{fraction} \times 2^{\text{exponent} - 127}, 1 \leq \text{exponent} \leq 254$$

NAND and NOR or NOR and NAND?



ASCII table

Char	Dec	Hex	Char	Dec	Hex	Char	Dec	Hex	Char	Dec	Hex
<i>nul</i>	0	00	<i>space</i>	32	20	@	64	40	`	96	60
<i>soh</i>	1	01	!	33	21	A	65	41	a	97	61
<i>stx</i>	2	02	"	34	22	B	66	42	b	98	62
<i>etx</i>	3	03	#	35	23	C	67	43	c	99	63
<i>eot</i>	4	04	\$	36	24	D	68	44	d	100	64
<i>enq</i>	5	05	%	37	25	E	69	45	e	101	65
<i>ack</i>	6	06	&	38	26	F	70	46	f	102	66
<i>bel</i>	7	07	'	39	27	G	71	47	g	103	67
<i>bs</i>	8	08	(	40	28	H	72	48	h	104	68
<i>ht</i>	9	09	)	41	29	I	73	49	i	105	69
<i>lf</i>	10	0A	*	42	2A	J	74	4A	j	106	6A
<i>vt</i>	11	0B	+	43	2B	K	75	4B	k	107	6B
<i>ff</i>	12	0C	,	44	2C	L	76	4C	l	108	6C
<i>cr</i>	13	0D	-	45	2D	M	77	4D	m	109	6D
<i>so</i>	14	0E	.	46	2E	N	78	4E	n	110	6E
<i>si</i>	15	0F	/	47	2F	O	79	4F	o	111	6F
<i>dle</i>	16	10	0	48	30	P	80	50	p	112	70
<i>dc1</i>	17	11	1	49	31	Q	81	51	q	113	71
<i>dc2</i>	18	12	2	50	32	R	82	52	r	114	72
<i>dc3</i>	19	13	3	51	33	S	83	53	s	115	73
<i>dc4</i>	20	14	4	52	34	T	84	54	t	116	74
<i>nak</i>	21	15	5	53	35	U	85	55	u	117	75
<i>syn</i>	22	16	6	54	36	V	86	56	v	118	76
<i>etb</i>	23	17	7	55	37	W	87	57	w	119	77
<i>can</i>	24	18	8	56	38	X	88	58	x	120	78
<i>em</i>	25	19	9	57	39	Y	89	59	y	121	79
<i>sub</i>	26	1A	:	58	3A	Z	90	5A	z	122	7A
<i>esc</i>	27	1B	;	59	3B	[	91	5B	{	123	7B
<i>fs</i>	28	1C	<	60	3C	\	92	5C	|	124	7C
<i>qs</i>	29	1D	=	61	3D	]	93	5D	}	125	7D
<i>rs</i>	30	1E	>	62	3E	^	94	5E	~	126	7E
<i>us</i>	31	1F	?	63	3F	_	95	5F	<i>del</i>	127	7F

Abstract sequential logic circuit

