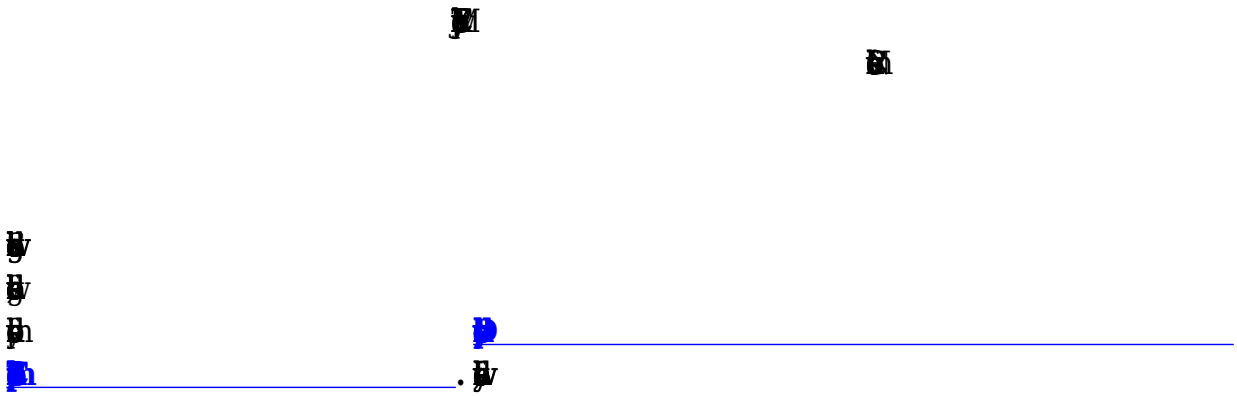

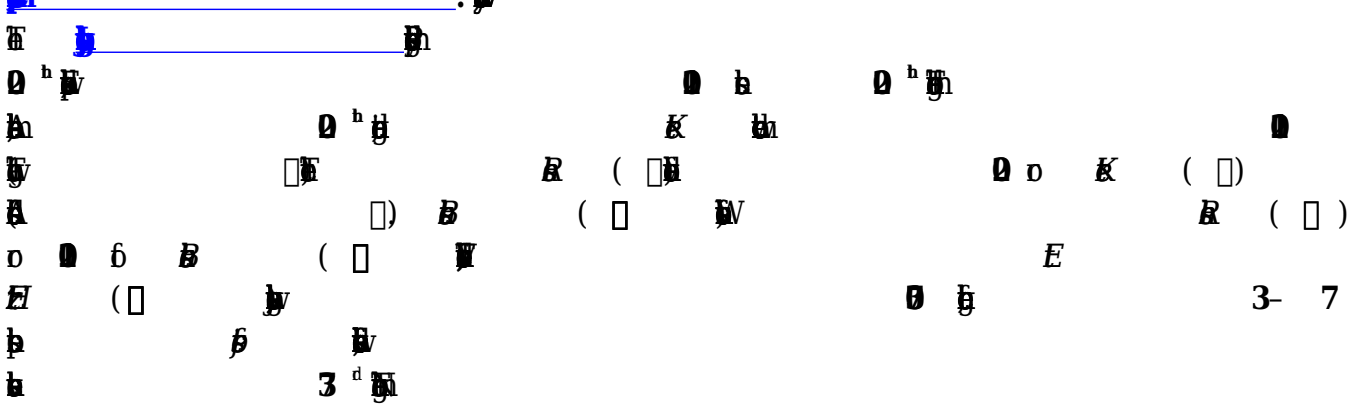

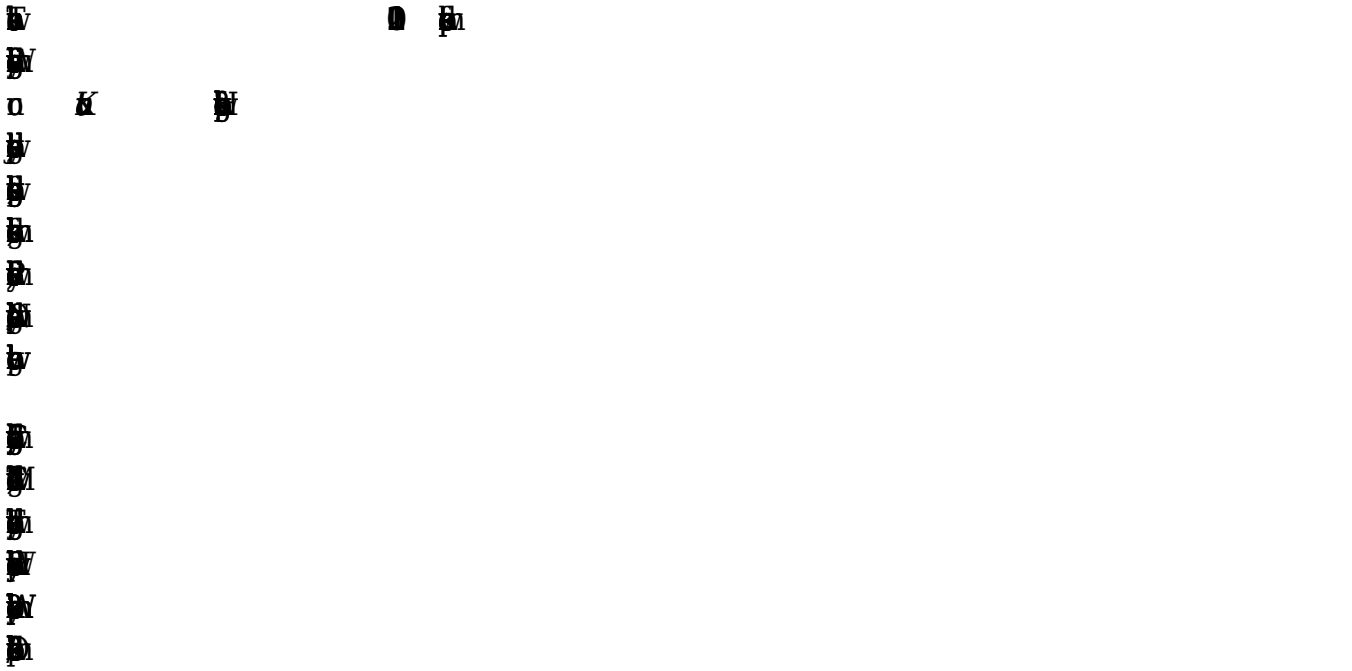

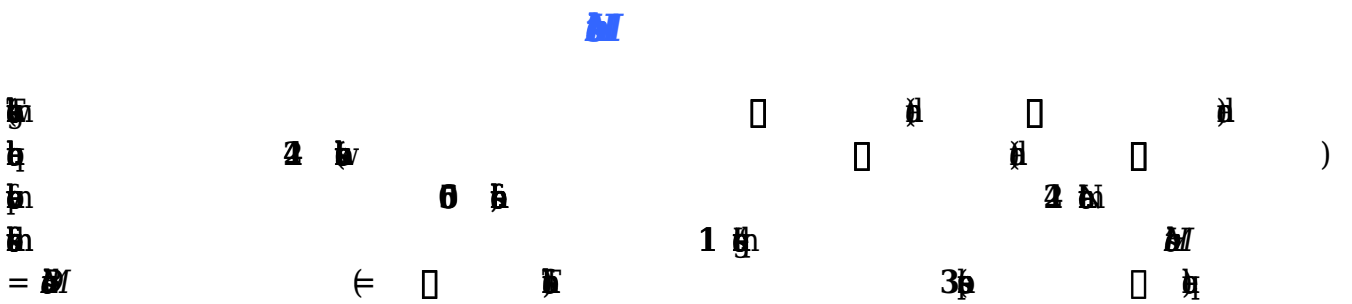

Perfect Number	$(2^p - 1)$	(2^{p-1})	p	Diff.	Digits	#
6	3	2	2	1	1	1
28	7	4	3	1	2	2
496	31	16	5	2	3	3
8128	127	64	7	3	4	4
3550336	8191	4096	13	5	8	5
8589869056	131071	65536	17	7	10	6
...	...	...	19	7	12	7
			31	12	19	8
			61	34	27	9
			89	35	**54**	10
			107	**42**	65	11
			127	50	77	12
			521	207	314	13

Perfect Number	$(2^p - 1)$	(2^{p-1})	p	Diff.	Digits	#
6	3	2	2	1	1	1
28	7	4	3	1	2	2
496	31	16	5	2	3	3
8128	127	64	7	3	4	4
3550336	8191	4096	13	5	8	5
8589869056	131071	65536	17	7	10	6
...	...	...	19	7	12	7
			31	12	**19**	8
			61	34	**27**	9
			89	35	54	10
			107	42	65	11
			127	50	**77**	12
			521	**207**	**314**	**13**

Perfect Number	$(2^p - 1)$	(2^{p-1})	p	Diff.	Digits	Cum Diff	#
6	3	2	2	**1**	1	1	1
28	7	4	3	**1**	2	2	2
496	31	16	5	**2**	3	4	3
8128	127	64	7	**3**	4	7	4
3550336	8191	4096	13	**5**	8	12	5
8589869056	131071	65536	17	**7**	10	**19**	6
...	...	...	19	**7**	12	**26**	7
			31	**12**	19	38	8
			61	**34**	27	**72**	9
			89	**35**	54	**107**	10
			107	**42**	65	159	11
			127	**50**	77	209	12
			521	**207**	314	416	13

Perfect Number	$(2^p - 1)$	(2^{p-1})	p	Diff.	Digits	Cum p	#
6	3	2	2	**1**	1	2	1
28	7	4	3	**1**	2	5	2
496	31	16	5	**2**	3	10	3
8128	127	64	7	**3**	4	17	4
3550336	8191	4096	13	**5**	8	30	5
8589869056	131071	65536	17	**7**	10	47	6
...	...	...	19	**7**	12	66	7
			31	**12**	19	97	8
			61	**34**	27	158	9
			89	**35**	54	247	10
			107	**42**	65	354	11
			127	**50**	77	481	12
			521	**207**	314	1008	13

Perfect Number	$(2^p - 1)$	(2^{p-1})	p	Diff.	Digits	Cum p	#
6	3	2	2	1	1	2	1
28	7	4	3	1	2	5	2
496	31	16	5	2	3	10	3
8128	127	64	7	3	4	17	4
3550336	8191	4096	13	5	8	30	5
8589869056	131071	65536	17	7	10	47	6

Perfect Number	Triangular #	$(2^p - 1)$	Hexagonal #	(2^{p-1})	p	Equation
6	3rd	3	2nd	2	2	3 x 2
28	7th	7	4th	4	3	7 x 4
496	31st	31	16th	16	5	31 x 16
8128	**127th**	**127**	**64th**	**64**	**7**	**127 x 64**
3550336	8191st	8191	4096th	4096	13	8191 x 4096
8589869056	131071st	131071	65536th	65536	17	131071 x 65536

[illegible]

[illegible]