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*	10	0 1 0				0		0	10 00	1	0
*		10000				0		0	10 00	1	0
*		10 001				1		0	10 00	1	0
*		1001				1		0	10 00	1	0
*		100				0		0	10 00	1	0
*	10	00				0		1	10 00	1	0
*	10	1000 0			0	1		0	10 00	1	0
*	10 1	10001 00				0		0	10 00	1	0
*		1 1000				0		1	10 00	1	0
*		1 1000 1				1		0	10 00	1	0
*		0 10 000	1			0		11	10 00	1	0
*		1 1000 0				1		0	10 00	1	0
*	10	10010				1		0	10 00	1	0
*	10	0 0				1		0	10 00	1	0
*		1 00000 0	0			1		0	10 00	1	0

*	00000			1	1	0		10 00		1		0
*	011 00		1		1	0		10 00		1		0
*	10 1 10001 1			1	00	0	0	10 00		1		0
*	10 1001 0				1	0	0	10 00		1		0
*	101 1 1 0 1		1			0		10 00				0
*	10 0 0		1			0		10 00				0
*	10 10 0 0					0		10 00				0
*	1			1	0	0		10 00				0
*	10 1001 0 1					0		10 00				0
*	10 1 1000		1		1	0		10 00				0
*	100 000011 1					0	1	10 00		0		01
*	10 00000				1	0		10 00		0		01
*	10 1 1000 0				1	0		10 00		0		01
*	0 00000				1	0		10 00		0		01
*	100 00001 1				1	0		10 00		0		01
*	1000			1	1	0	0	10 00		0		01
*	0 101 1					0		10 00		11		01
*	1000 1				0	0		10 00		11		01
*	10 1 1000			0	0	1	0	10 00		11		01
*	10 1 1000		0		1	0	1	10 00		11		01
*	10 1 1000 0		0		1	0	1	10 00		11		01
*	000000				1 1	0	0	10 00		11		01
*	1001					0		10 00		1		01
*	10 100 00				1 1	0	0	10 00		1		01
*	101 00000 1			1		0		10 00		1		01
*	100 00010 1				1	0		10 00		1		01
*	1 10001 01					0		10 00		1		01
*	1000		1		1	0	0	10 00		1		01
*	100 000000 0				0	0		10 00		1		01
*	100 000001 0			0	1	0	1	10 00		1		01
*	10 1 00				1	0		10 00		1		0 0
*	10 0 1			1		0		10 00		1		0 0
*	10 1 10000 0			1		0		10 00		1		0 0
*	10 1 1000				0	0		10 00		1		0 0
*	100 11110			1	0	0	1	10 00		1		0 0
*	1 1000				1	0		10 00		1		0 0
*	100 10		0		1	0	0	10 00		1		0 0
*	100 000001 1					0		10 0		1		00
*	10 1 1000 0					0		10 0		1		00
*	10 1 01 1					0		10 0		1		00
*	10 0 0111				1	1	0	1 0 00		0		0
*	1 1 0				1	1	11	1 0 00		0		0
*	10 0 010				1 0	1	11	1 0 00		0		0
*	10 0001			0	1	1	0	1 0 00		0		0
*	1 0 00				1	1	0	1 0 00		0		0
*	1 1			1	1	1	00	1 0 00		0		0
*	10 1 1 0 0 1		0		1 1	1		1 0 00		0		0
*	10 1 0 00 1				1	1		1 0 00		0		0
*	0 100 000				1	1		1 0 00		0		0
*	1 0 0 0				10	1		1 0 00		0		0
*	0 0 00				1	1		1 0 00		0		0
*	10 1000 1				10	1		1 0 00		0		0
*	100 11 1				1	11		1 0 00		0		0
*	10 0 1				1	11		1 0 00		0		0
*	1 0 0				111	1		1 0 00		0		0
*	10 00 1			0	1	1		1 0 00		0		0
*	10 1 00001				1	1		1 0 00		0		0
*	1 0 1				1 0	11	0	1 0 00		0		0
*	10 110				1	1	0	1 0 00		0		0
*	101 1 1 1 0				110	11		1 0 00		0		0
*	10 1 0 10		0		1 1	1		1 0 00		0		0
*	0 100 11 1				11	1		1 0 00		0		0
*	10 0		1		11	1		1 0 00		0		0
*	0 1 0 0 1				1	1		1 0 00		0		0
*	1 1 0 01 1		0		1	1		1 0 00		0		0
*	1 00 0		1		1	1		1 0 00		0		0
*	10 1 1 0 00				11	1		1 0 00		0		0
*	1100				11	1		1 0 00		0		0
*	1 1 0 01 1				11	1		1 0 00		0		0
*	10 10 1 0 001		1		1 0	11		1 0 00		0		0
*	10 1 0 01 1				11	1		1 0 00		0		0
*	0 1 1 0 1		0		11	11	0+10	1 0 00		0		0