
A B Cin | Mode | Exact Sum | Approx Sum | Error | Error %

0000 0100	1 1	1	5 I	4	.	1 20.00%
0000 0101	0 0	0	5 I	5	1	01 0.00%
0000 0101	0 0	1	5 I	5	1	0 0.00%
0000 0101	0 1	0	5 I	5	1	0 0.00%
0000 0101	0 1	1	5 I	5	1	0 0.00%
0000 0101	1 0	0	6 I	6		0 0.00%
0000 0101	1 0	1	6 I	6	1	0 0.00%
0000 0101	1 1	0	6 I	5	1	1 16.67%
0000 0101	1 1	1	6 I	5	1	1 16.67%
0000 0110	0 0	0	6 I	6	1	0 0.00%
0000 0110	0 0	1	6 I	6	1	01 0.00%
0000 0110	0 1	0	6 I	6	5	01 0.00%
0000 0110	0 1	1	6 I	6	1	01 0.00%
0000 0110	1 0	0	7 I	7	' I	01 0.00%
0000 0110	1 0	1	7 I	7	' I	01 0.00%
0000 0110	1 1	0	7 I	6	5	1 14.29%
0000 0110	1 1	1	7 I	6	5	1 14.29%
0000 0111	0 0	0	7 I	7	' I	01 0.00%
0000 0111	0 0	1	7 I	7	' I	01 0.00%
0000 0111	0 1	0	7 I	7	' I	01 0.00%
0000 0111	0 1	1	7 I	7	' I	01 0.00%
0000 0111	1 0	0	8 I	8	1	01 0.00%
0000 0111	1 0	1	8 I	4	.	4 50.00%
0000 0111	1 1	0	8 1	7	' I	1 12.50%
0000 0111	1 1	1 I	8 I	7	' I	1 12.50%
0000 1000	0 0	0	8 I	8	1	01 0.00%
0000 1000	0 0	1 I	8 I	8	1	01 0.00%
0000 1000	0 1	0	8 I	8	1	01 0.00%
0000 1000	0 1	1	8 I	8	1	0.00%
0000 1000	1 0	0	9	9)	01 0.00%
0000 1000	1 0	1 I	9	9)	01 0.00%
0000 1000	1 1	0	9	8	1	1 11.11%
0000 1000	1 1	1	9	8	1	1 11.11%
0000 1001	0 0	0	9	9) [01 0.00%
0000 1001	0 0	1	9	9) [01 0.00%
0000 1001	0 1	0	9	9) [01 0.00%
0000 1001	0 1	1	9	9		01 0.00%
0000 1001	1 0		10		0	0 0.00%
0000 1001	1 0				0 1	0 0.00%
0000 1001		0			9	1 10.00%
0000 1001	1 1				9	1 10.00%
0000 1010	0 0				0 1	01 0.00%
0000 1010	0 1 0				0 1	01 0.00%
0000 1010		0			0 1	01 0.00%
0000 1010	0 1				0 1	01 0.00%
0000 1010	1 0				1 I	01 0.00%
5555 1010	1 1 0	υ i	1.1	. 1	1 I	0.0070

0000 1010	1	l 01	l	11	I		11	I	0	0.00%
0000 1010	1	l 10	I	11	I		10	I	1	9.09%
0000 1010	1	l 11	l	11	I		10	I	1	9.09%
0000 1011	0	1 00	l	11	I		11	I	0	0.00%
0000 1011	0	l 01	l	11	-		11	I	0	0.00%
0000 1011	0	l 10	l	11	I		11	I	0	0.00%
0000 1011	0	l 11	l	11	-		11	1	0	0.00%
0000 1011	1	00	l	12	-		12	1	0	0.00%
0000 1011	1	l 01	I	12			8	1	4 I	33.33%
0000 1011	1	l 10	I	12			11	I	1	8.33%
0000 1011	1	l 11	I	12			11	I	1	8.33%
0000 1100	0	00	l	12	1		12	I	0	0.00%
0000 1100	0	l 01	l	12	1		12	I	0	0.00%
0000 1100	0	l 10	l	12	1		12	I	0	0.00%
0000 1100	0	l 11	I	12	I		12	I	0	0.00%
0000 1100	1	00	l	13	1		13	I	0	0.00%
0000 1100	1	l 01	l	13	I		13	I	0	0.00%
0000 1100	1	l 10	I	13	I		12	I	1	7.69%
0000 1100	1	l 11	I	13	I		12	I	1	7.69%
0000 1101	0	1 00	l	13	I		13	I	0	0.00%
0000 1101	0	l 01	I	13	Ι		13	ı	0	0.00%
0000 1101	0	l 10	I	13	Ι		13	ı	0	0.00%
0000 1101	0	l 11	I	13	Ι		13	ı	0	0.00%
0000 1101	1	1 00	l	14	I		14	I	0	0.00%
0000 1101	1	l 01	l	14	I		14	I	0	0.00%
0000 1101	1	l 10	l	14	I		13	ı	1	7.14%
0000 1101	1	l 11	I	14	Ι		13	ı	1	7.14%
0000 1110	0	1 00	l	14	I		14	ı	0	0.00%
0000 1110	0	l 01	I	14	Ι		14	ı	0	0.00%
0000 1110	0	l 10	I	14	Ι		14	ı	0	0.00%
0000 1110	0	l 11	I	14	Ι		14	ı	0	
0000 1110	1	1 00	l	15	I		15	ı	0	
0000 1110			I	15	Ι		15	Ι	0	
0000 1110			İ	15	Ι		14	ı	1	
0000 1110			İ	15	Ι		14	ı	1	
0000 1111	0	1 00	ı	15	ı		15	ı	0	
0000 1111			İ	15	ı		15	1	0	
0000 1111			I	15	ı		15	ı	0	
0000 1111			l	15	i		15	Ī	0	
0000 1111			l	16	i		16	ı	0	
0000 1111				16	İ		12	ŀ		25.00%
0000 1111				16	·		15		1	
0000 1111				16	' 		15	·	1	
0001 1111				1	ı' I		1		01	0.00%
0001 0000			' 	1	' 		1		01	0.00%
0001 0000		1 10		1	' 		1		01	0.00%
0001 0000	J	1 10		1	1	-	1	•	υı	0.00 /0

0001 0000			_			0.1.000%
0001 0000		11	1	1	1	0 0.00%
0001 0000	1	1 00 1	2		2 1	0 0.00%
0001 0000	1	01	2	I	2 1	0 0.00%
0001 0000	1	10	2		1	1 50.00%
0001 0000	1	11	2		1 l	1 50.00%
0001 0001	0	1 00 1	2		2	0 0.00%
0001 0001	0	l 01 l	2		2	0 0.00%
0001 0001	0	l 10 l	2		1	1 50.00%
0001 0001	0	l 11 l	2		1 l	1 50.00%
0001 0001	1	1 00 1	3		3	0 0.00%
0001 0001	1	l 01 l	3		3	0 0.00%
0001 0001	1	l 10 l	3		1 l	2 66.67%
0001 0001	1	l 11 l	3		1 I	2 66.67%
0001 0010	0	1 00 1	3		3	0 0.00%
0001 0010	0	l 01 l	3	1	3	0 0.00%
0001 0010	0	l 10 l	3	ı	3	0 0.00%
0001 0010	0	11	3	I	3	0 0.00%
0001 0010	1	1 00 1	4	ı	4 I	0 0.00%
0001 0010	1	01	4	ı	0 1	4 100.00%
0001 0010	1	10	4	i	3	1 25.00%
0001 0010	1	11	4	i	3	1 25.00%
0001 0010	0	100	4	i	4 1	0 0.00%
0001 0011	_	01	4	i	0 1	4 100.00%
0001 0011	0	10	4	i	3	1 25.00%
0001 0011	-	10	4	i	3	1 25.00%
0001 0011	1	00	5	i	5	0 0.00%
0001 0011	1	00	5		1 I	4 80.00%
0001 0011	_					
0001 0011	1	10	5 5		3	2 40.00%
	1	11			3	2 40.00%
0001 0100			5		5	0 0.00%
0001 0100	0	01	5		5	0 0.00%
0001 0100		10	5	1	5	0 0.00%
0001 0100	0	11	5	1	5	0 0.00%
0001 0100	1	1 00 1	6		6	0 0.00%
0001 0100	1	01	6	1	6	0 0.00%
0001 0100	1	l 10 l	6		5 1	1 16.67%
0001 0100	1	11	6		5 1	1 16.67%
0001 0101	0	1 00 1	6		6 I	0 0.00%
0001 0101	0	l 01 l	6		6 I	0 0.00%
0001 0101	0	l 10 l	6		5 I	1 16.67%
0001 0101	0	l 11 l	6		5 I	1 16.67%
0001 0101	1	1 00 1	7		7 I	0 0.00%
0001 0101	1	l 01 l	7		7 I	0 0.00%
0001 0101	1	10	7	I	5 I	2 28.57%
0001 0101	1	l 11 l	7		5 I	2 28.57%
0001 0110	0	1 00 1	7	I	7 I	0 0.00%

0001 0110	_	L 01		7 .	7 .		01.000%
0001 0110	0	01		7 I	7		0 0.00%
0001 0110	0	10		7 I	7		0 0.00%
0001 0110	0	11		7	7		0 0.00%
0001 0110	1	1 00		8 1	8 1		0 0.00%
0001 0110	1	01		8 1	4		4 50.00%
0001 0110	1	10	1	8 1	7 I		1 12.50%
0001 0110	1	11	 	8	7		1 12.50%
0001 0111	0	1 00	 	8	8 1		0 0.00%
0001 0111	0	01		8	4 I		4 50.00%
0001 0111	0	10	ı	8 1	7 I		1 12.50%
0001 0111	0	11	1	8 1	7 I		1 12.50%
0001 0111	1	1 00	ı	9	9		0 0.00%
0001 0111	1	01	I	9	5 I		4 44.44%
0001 0111	1	10	ı	9	7 I		2 22.22%
0001 0111	1	11	ı	9 1	7 I		2 22.22%
0001 1000	0	1 00	I	9	9		0 0.00%
0001 1000	0	1 01		9	9		01 0.00%
0001 1000	0	l 10		9	9		01 0.00%
0001 1000	0	11	I	9	9		01 0.00%
0001 1000	1	1 00	I	10 l	10	I	01 0.00%
0001 1000	1	1 01	1	10 l	10	I	01 0.00%
0001 1000	1	l 10	1	10 l	9	l	1 10.00%
0001 1000	1	I 11	1	10 l	9	l	1 10.00%
0001 1001	0	1 00	I	10 l	10	I	01 0.00%
0001 1001	0	1 01	I	10 l	10	I	01 0.00%
0001 1001	0	1 10	1	10 l	9	l	1 10.00%
0001 1001	0	l 11	I	10 l	9	l	1 10.00%
0001 1001	1	1 00	I	11 l	11	I	0 0.00%
0001 1001	1	1 01	I	11 l	11	I	0 0.00%
0001 1001	1	1 10	I	11 l	9	l	2 18.18%
0001 1001	1	I 11	I	11 l	9	l	2 18.18%
0001 1010	0	1 00	I	11 l	11	I	01 0.00%
0001 1010	0	1 01	1	11 l	11	I	01 0.00%
0001 1010	0	10	I	11 l	11	I	01 0.00%
0001 1010	0	11	I	11 l	11	I	01 0.00%
0001 1010	1	1 00	ı	12 I	12	I	0 0.00%
0001 1010	1	I 01	ı	12 I	8	l	4 33.33%
0001 1010	1	1 10	ı	12 I		I	1 8.33%
0001 1010	1	l 11	ı	12 I		I	1 8.33%
0001 1011	0	1 00	ı	12 I		I	0 0.00%
0001 1011	0	01	Ī	12			4 33.33%
0001 1011	0	1 10	i	12			1 8.33%
0001 1011	0	1 11	İ	12		i	1 8.33%
0001 1011	1	1 00	ŀ	13			0 0.00%
0001 1011	1	1 00	İ	13		' 	4 30.77%
0001 1011	1	1 10	İ	13		' 	2 15.38%
0001 1011	1	1 10	ı	15 1	11	1	4 13.30 //

0001 1011	1	11	I	13	I	11 l	2 15.38%
0001 1100	0	1 00	l	13	l	13 l	0 0.00%
0001 1100	0	01	I	13		13 l	0 0.00%
0001 1100	0	10	l	13	l	13 l	0 0.00%
0001 1100	0	l 11	I	13		13 l	0 0.00%
0001 1100	1	1 00	I	14		14 l	0 0.00%
0001 1100	1	01	I	14		14 l	0 0.00%
0001 1100	1	l 10	I	14		13 l	1 7.14%
0001 1100	1	11	I	14	I	13 l	1 7.14%
0001 1101	0	1 00	I	14		14 l	0 0.00%
0001 1101	0	01	I	14		14 l	0 0.00%
0001 1101	0	10	I	14		13 l	1 7.14%
0001 1101	0	l 11	I	14		13 l	1 7.14%
0001 1101	1	1 00	I	15		15 l	0 0.00%
0001 1101	1	01		15	1	15 I	0 0.00%
0001 1101	1	1 10		15	1	13 l	2 13.33%
0001 1101	1	11	1	15	1	13 l	2 13.33%
0001 1110	0	1 00	1	15	1	15 l	0 0.00%
0001 1110	0	01	1	15	1	15 l	0 0.00%
0001 1110	0	1 10	I	15		15 I	0 0.00%
0001 1110	0	l 11	I	15		15 I	0 0.00%
0001 1110	1	1 00	I	16		16 l	0 0.00%
0001 1110	1	01	I	16		12 l	4 25.00%
0001 1110	1	l 10	I	16		15 l	1 6.25%
0001 1110	1	l 11	I	16		15 l	1 6.25%
0001 1111	0	1 00	1	16	1	16 l	0 0.00%
0001 1111	0	1 01	1	16	1	12 l	4 25.00%
0001 1111	0	1 10	I	16		15 l	1 6.25%
0001 1111	0	11	I	16		15 l	1 6.25%
0001 1111	1	1 00	I	17		17 l	0 0.00%
0001 1111	1	01	I	17		13 l	4 23.53%
0001 1111	1	l 10	1	17	1	15 I	2 11.76%
0001 1111	1	l 11	I	17		15 I	2 11.76%
0010 0000	0	1 00	1	2	I	2	0 0.00%
0010 0000	0	01	I	2		2	0 0.00%
0010 0000	0	l 10	1	2	l	2	0 0.00%
0010 0000	0	l 11	1	2	l	2	0 0.00%
0010 0000	1	1 00	I	3	l	3	0 0.00%
0010 0000	1	01	I	3	l	3	0 0.00%
0010 0000	1	10	I	3	l	2	1 33.33%
0010 0000	1	11	I	3			1 33.33%
0010 0001	0	1 00	I	3	I	3	0 0.00%
0010 0001	0	01	I	3	I		0 0.00%
0010 0001	0	10	I	3	I		0 0.00%
0010 0001	0	11	ı	3	l		0 0.00%
0010 0001	1	1 00	I	4	I		0 0.00%
						•	•

0010 0001	1	01	I	4	I	0	I	4 100.00%
0010 0001	1	l 10	I	4	I	3	I	1 25.00%
0010 0001	1	l 11	1	4	I	3	1	1 25.00%
0010 0010	0	1 00	I	4	١	4	I	01 0.00%
0010 0010	0	1 01	I	4	I	0	I	4 100.00%
0010 0010	0	I 10	1	4	I	4	1	01 0.00%
0010 0010	0	I 11	1	4	I	4	1	01 0.00%
0010 0010	1	1 00	1	5	I	5	1	01 0.00%
0010 0010	1	1 01	I	5	I	1	I	4 80.00%
0010 0010	1	I 10	1	5	I	4	1	1 20.00%
0010 0010	1	I 11	1	5	I	4	1	1 20.00%
0010 0011	0	1 00	1	5	I	5	1	01 0.00%
0010 0011	0	1 01	1	5	I	1	1	4 80.00%
0010 0011	0	I 10	1	5	I	5	1	01 0.00%
0010 0011	0	I 11	1	5	I	5	1	01 0.00%
0010 0011	1	1 00	1	6	I	6	I	01 0.00%
0010 0011	1	01	I	6	I	2		4 66.67%
0010 0011	1	l 10	I	6	I	5		1 16.67%
0010 0011	1	l 11	I	6	I	5	I	1 16.67%
0010 0100	0	1 00	I	6	I	6		01 0.00%
0010 0100	0	1 01	I	6	I	6	I	01 0.00%
0010 0100	0	l 10	I	6	I	6	I	01 0.00%
0010 0100	0	11	I	6	I	6		01 0.00%
0010 0100	1	1 00	1	7	I	7	1	01 0.00%
0010 0100	1	1 01	I	7	I	7	I	01 0.00%
0010 0100	1	l 10	I	7	I	6	I	1 14.29%
0010 0100	1	11	I	7	I	6		1 14.29%
0010 0101	0	1 00	I	7	I	7	I	01 0.00%
0010 0101	0	1 01	I	7	I	7	I	01 0.00%
0010 0101	0	l 10	1	7	I	7	1	01 0.00%
0010 0101	0	l 11	I	7	I	7	I	01 0.00%
0010 0101	1	1 00	I	8	I	8	I	01 0.00%
0010 0101	1	1 01	1	8	I	4	I	4 50.00%
0010 0101	1	l 10	I	8	I	7	I	1 12.50%
0010 0101	1	I 11	1	8	I	7	1	1 12.50%
0010 0110	0	1 00	1	8	I	8	I	01 0.00%
0010 0110	0	1 01	1	8	I	4	I	4 50.00%
0010 0110	0	l 10	I	8	I	8		01 0.00%
0010 0110	0	l 11	I	8	I	0	I	8 100.00%
0010 0110	1	1 00	1	9	I	9	1	01 0.00%
0010 0110	1	01	I	9	I	5	I	4 44.44%
0010 0110	1	I 10	I	9	I	8	I	1 11.11%
0010 0110	1	l 11	I	9	I	0	I	9 100.00%
0010 0111	0	1 00	I	9	I	9	I	01 0.00%
0010 0111	0	01	I	9	I	5	I	4 44.44%
0010 0111	0	l 10	I	9	I	9	I	01 0.00%

0010 0111	0		I	9	1 8 88.89%
0010 0111	1		l	10 l	10 0 0.00%
0010 0111	1		I	10 l	6 4 40.00%
0010 0111	1		I	10 l	9 1 10.00%
0010 0111	1	11	I	10 l	1 9 90.00%
0010 1000	0	1 00	I	10 l	10 0 0.00%
0010 1000	0	1 01	I	10 l	10 0 0.00%
0010 1000	0	l 10	I	10 l	10 0 0.00%
0010 1000	0	l 11	l	10 l	10 0 0.00%
0010 1000	1	1 00	l	11 l	11 0 0.00%
0010 1000	1	l 01	l	11 l	11 0 0.00%
0010 1000	1	l 10	l	11 l	10 1 9.09%
0010 1000	1	l 11	I	11 l	10 1 9.09%
0010 1001	0	1 00	I	11 l	11 0 0.00%
0010 1001	0	l 01	l	11 l	11 0 0.00%
0010 1001	0	l 10	l	11 l	11 0 0.00%
0010 1001	0	l 11	I	11 l	11 0 0.00%
0010 1001	1	1 00	I	12 I	12 0 0.00%
0010 1001	1	l 01	I	12 I	8 4 33.33%
0010 1001	1	l 10	l	12 I	11 1 8.33%
0010 1001	1	l 11	l	12 l	11 1 8.33%
0010 1010	0	1 00	l	12 I	12 0 0.00%
0010 1010	0	l 01	l	12 l	8 4 33.33%
0010 1010	0	l 10	l	12 I	12 0 0.00%
0010 1010	0	l 11	I	12 I	12 0 0.00%
0010 1010	1	1 00	l	13 I	13 0 0.00%
0010 1010	1	01	l	13 I	9 4 30.77%
0010 1010	1	l 10	l	13 I	12 1 7.69%
0010 1010	1	l 11	l	13 I	12 1 7.69%
0010 1011	0	1 00	I	13 I	13 0 0.00%
0010 1011	0	l 01	I	13 I	9 4 30.77%
0010 1011	0	l 10	I	13 I	13 0 0.00%
0010 1011	0		I	13 I	13 0 0.00%
0010 1011	1		ı	14 l	14 0 0.00%
0010 1011	1		ı	14 l	10 4 28.57%
0010 1011	1		ı	14 l	13 1 7.14%
0010 1011	1	1 11	i I	14	13 1 7.14%
0010 1100	0		i I	14 I	14 0 0.00%
0010 1100	0		I	14 I	14 0 0.00%
0010 1100	0		I	14 I	14 0 0.00%
0010 1100	0	1 11		14 I	14 0 0.00%
0010 1100	1			15	15 0 0.00%
0010 1100	1		! 	15 I	15 0 0.00%
0010 1100	1	1 10	! 	15 I	14 1 6.67%
0010 1100	1		! 	15 I	14 1 6.67%
0010 1100	0		! 	15 I	15 0 0.00%
0010 1101	U	1 00	1	15 1	15 0 0,0070

0010 1101	0 01	15 I	15 0 0.00%
0010 1101	0 10	15 I	15 0 0.00%
0010 1101	0 11	15 I	15 0 0.00%
0010 1101	1 00	16 l	16 0 0.00%
0010 1101	1 01	16 l	12 4 25.00%
0010 1101	1 10	16 l	15 1 6.25%
0010 1101	1 11	16 l	15 1 6.25%
0010 1110	0 00	16 l	16 0 0.00%
0010 1110	0 01	16 l	12 4 25.00%
0010 1110	0 10	16 l	16 0 0.00%
0010 1110	0 11	16 l	8 8 50.00%
0010 1110	1 00	17 I	17 0 0.00%
0010 1110	1 01	17 I	13 4 23.53%
0010 1110	1 10	17 I	16 1 5.88%
0010 1110	1 11	17 I	8 9 52.94%
0010 1111	0 00	17 I	17 0 0.00%
0010 1111	0 01	17 I	13 4 23.53%
0010 1111	0 10	17 I	17 0 0.00%
0010 1111	0 11	17 I	9 8 47.06%
0010 1111	1 00	18 I	18 0 0.00%
0010 1111	1 01	18 I	14 4 22.22%
0010 1111	1 10	18 I	17 1 5.56%
0010 1111	1 11	18 I	9 9 50.00%
0011 0000	0 00	3	3 0 0.00%
0011 0000	0 01	3	3 0 0.00%
0011 0000	0 10	3	3 0 0.00%
0011 0000	0 11	3	3 0 0.00%
0011 0000	1 00	4 I	4 0 0.00%
0011 0000	1 01	4 I	0 4 100.00%
0011 0000	1 10	4 I	3 1 25.00%
0011 0000	1 11	4 I	3 1 25.00%
0011 0001	0 00	4 I	4 0 0.00%
0011 0001	0 01	4 I	0 4 100.00%
0011 0001	0 10	4 I	3 1 25.00%
0011 0001	0 11	4 I	3 1 25.00%
0011 0001	1 00	5 I	5 0 0.00%
0011 0001	1 01	5 I	1 4 80.00%
0011 0001	1 10	5 I	3 2 40.00%
0011 0001	1 11	5 I	3 2 40.00%
0011 0010	0 00	5 I	5 0 0.00%
0011 0010	0 01	5 I	1 4 80.00%
0011 0010	0 10	5 I	5 0 0.00%
0011 0010	0 11	5 I	5 0 0.00%
0011 0010	1 00	6 I	6 0 0.00%
0011 0010	1 01	6 I	2 4 66.67%
0011 0010	1 10	6 I	5 1 16.67%

0011 0010					_		41466
0011 0010	-	11			5	l	1 16.67%
0011 0011		00	_		6		0 0.00%
0011 0011	•	01	_		2		4 66.67%
0011 0011	_	10			5	l	1 16.67%
0011 0011	•	11		1	5	l	1 16.67%
0011 0011	-	00		I	7	l	0 0.00%
0011 0011	-	01	7	I	3	l	4 57.14%
0011 0011	1	10	7	I	5	l	2 28.57%
0011 0011	1	11	7	I	5		2 28.57%
0011 0100	0	00	7	I	7	l	0 0.00%
0011 0100	0	01	7	I	7	l	0 0.00%
0011 0100	0	10	7	I	7	l	0 0.00%
0011 0100	0	11	7	I	7	l	0 0.00%
0011 0100	1	00	8	I	8	l	0 0.00%
0011 0100	1	01	8	I	4	l	4 50.00%
0011 0100	1	10	8	1	7	l	1 12.50%
0011 0100	1	11	8	1	7	l	1 12.50%
0011 0101	0	00	8	1	8	l	0 0.00%
0011 0101	0	01	8	I	4	l	4 50.00%
0011 0101	0	10	8	I	7	l	1 12.50%
0011 0101	0	11	8	1	7	l	1 12.50%
0011 0101	1	00	9	1	9	l	0 0.00%
0011 0101	1	01	9	1	5	l	4 44.44%
0011 0101	1	10	9	I	7	l	2 22.22%
0011 0101	1	11	9	I	7	l	2 22.22%
0011 0110	0	00	9	I	9	l	0 0.00%
0011 0110	0	01	9	I	5	l	4 44.44%
0011 0110	0	10	9	1	9	l	0 0.00%
0011 0110	0	11	9	1	1	l	8 88.89%
0011 0110	1	00	10	1	10	I	0 0.00%
0011 0110	1	01	10	1	6	I	4 40.00%
0011 0110	1	10	10	I	9	ı	1 10.00%
0011 0110	1	11			1	ı	9 90.00%
0011 0111	0	00			10	ı	01 0.00%
0011 0111		01			6	ĺ	4 40.00%
0011 0111		1 10			9	Ī	1 10.00%
0011 0111		l 11			1	İ	9 90.00%
0011 0111	_	1 00		i	11	·	0 0.00%
0011 0111		01		i	7	i	4 36.36%
0011 0111		1 10		i	9	i	2 18.18%
0011 0111		10		i	1	ı	10 90.91%
0011 0111		1 00		i I	11	' 	0 0.00%
0011 1000		00 01		i I	11		0 0.00%
0011 1000		01		' 	11	ı	0 0.00%
0011 1000					11		0 0.00%
				-			
0011 1000	1	00	12	I	12	I	0 0.00%

0011 1000	1	01		12 I	8 1	4 33.33%
0011 1000	1	l 10	I	12 I	11 l	1 8.33%
0011 1000	1	11		12 I	11 l	1 8.33%
0011 1001	0	1 00		12 I	12 I	0 0.00%
0011 1001	0	1 01		12 I	8 I	4 33.33%
0011 1001	0	l 10	I	12 I	11 l	1 8.33%
0011 1001	0	l 11		12 I	11 l	1 8.33%
0011 1001	1	1 00	I	13 I	13 I	0 0.00%
0011 1001	1	1 01		13	9	4 30.77%
0011 1001	1	1 10		13	11 l	2 15.38%
0011 1001	1	I 11		13	11 l	2 15.38%
0011 1010	0	1 00		13 I	13 l	0 0.00%
0011 1010	0	1 01		13 I	9	4 30.77%
0011 1010	0	l 10		13 I	13 I	0 0.00%
0011 1010	0	I 11		13 l	13 I	0 0.00%
0011 1010	1	1 00		14 l	14 I	0 0.00%
0011 1010	1	1 01		14 l	10 l	4 28.57%
0011 1010	1	l 10		14 l	13 I	1 7.14%
0011 1010	1	l 11		14 l	13 I	1 7.14%
0011 1011	0	1 00		14 l	14 l	0 0.00%
0011 1011	0	01	I	14 l	10 I	4 28.57%
0011 1011	0	l 10	I	14 l	13 I	1 7.14%
0011 1011	0	l 11	I	14 l	13 I	1 7.14%
0011 1011	1	1 00	I	15 I	15 I	0 0.00%
0011 1011	1	01	I	15 I	11 l	4 26.67%
0011 1011	1	1 10	I	15 I	13 I	2 13.33%
0011 1011	1	l 11	I	15 I	13 I	2 13.33%
0011 1100	0	1 00	I	15 I	15 I	0 0.00%
0011 1100	0	1 01	I	15 I	15 I	0 0.00%
0011 1100	0	1 10	I	15 I	15 I	0 0.00%
0011 1100	0	l 11	I	15 I	15 I	0 0.00%
0011 1100	1	1 00	I	16 l	16 I	0 0.00%
0011 1100	1	01	ı	16 l	12 I	4 25.00%
0011 1100	1	1 10	ı	16 l	15 I	1 6.25%
0011 1100	1	11	Ī	16	15	1 6.25%
0011 1101	0	1 00	Ī	16	16	0 0.00%
0011 1101	0	01	İ	16	12 I	4 25.00%
0011 1101	0	1 10	İ	16	15	1 6.25%
0011 1101	0	1 11	i	16	15	1 6.25%
0011 1101	1	1 00	i	17 I	17 I	0 0.00%
0011 1101	1	1 01	İ	17 I	13	4 23.53%
0011 1101	1	1 10	İ	17 I	15 I	2 11.76%
0011 1101	1	1 11	i I	17 I 17 I	15 I	2 11.76%
0011 1101	0	1 00	i I	17 I 17 I	17 I	0 0.00%
0011 1110	0	1 00	' 	17 I 17 I	13	4 23.53%
0011 1110	0	1 10	ı	17 I 17 I	15 I 17 I	0 0.00%
0011 1110	U	1 10	1	1/	1/ 1	0 i 0.0070

```
0011 1110 0 | 11 |
                      17
                                     8 | 47.06%
                         9
                                 0011 1110 1 | 00 |
                      18
                          -
                               18
                                  01 0.00%
0011 1110 1 | 01 |
                      18
                          -
                               14 I
                                      4 | 22.22%
                                      1 | 5.56%
0011 1110 1 | 10 |
                      18
                          -
                               17
                                  - 1
                                     9 | 50.00%
0011 1110 1 | 11 |
                      18
                          -
                               9 |
0011 1111 0 | 00 |
                                      01 0.00%
                      18
                          -
                               18
                                  0011 1111 0 | 01 |
                      18
                          -
                               14
                                  - 1
                                      4 | 22.22%
0011 1111 0 | 10 |
                      18
                          -
                               17
                                  - 1
                                      1 | 5.56%
0011 1111 0 | 11 |
                      18
                               9 |
                                     9 | 50.00%
                          -
0011 1111 1 | 00 |
                      19
                          -
                               19 l
                                      01 0.00%
0011 1111 1 | 01 |
                      19
                          15
                                  4 | 21.05%
                                      2 | 10.53%
0011 1111 1 | 10 |
                      19
                          -
                               17
                                  10 | 52.63%
0011 1111 1 | 11 |
                               9
                      19
                          -
                                  -
0100 0000 0 | 00 |
                                     01 0.00%
                      4
                         4 I
0100 0000 0 | 01 |
                      4
                         1
                              4
                                 01 0.00%
0100 0000 0 | 10 |
                      4
                         1
                              4
                                - 1
                                     0 | 0.00%
0100 0000 0 | 11 |
                         1
                                 - 1
                                     0 | 0.00%
                       4
                              4
0100 0000 1 | 00 |
                               5
                                     01 0.00%
                       5
                         - 1
0100 0000 1 | 01 |
                       5
                         1
                              5
                                 - [
                                     01 0.00%
0100 0000 1 | 10 |
                       5
                         1
                              4
                                 1 | 20.00%
0100 0000 1 | 11 |
                      5
                         1
                                 - 1
                                     1 | 20.00%
                              4
0100 0001 0 | 00 |
                               5
                                     01 0.00%
                       5
                         -
0100 0001 0 | 01 |
                                     01 0.00%
                       5
                         1
                              5 I
0100 0001 0 | 10 |
                       5
                         1
                               5
                                 0 | 0.00%
0100 0001 0 | 11 |
                               5
                                     01 0.00%
                       5
                         1
                                 - 1
0100 0001 1 | 00 |
                                     0 | 0.00%
                       6
                         6
                                 - [
0100 0001 1 | 01 |
                                     01 0.00%
                      6
                         1
                               6
                                 - 1
0100 0001 1 | 10 |
                      6
                         1
                              5
                                 - 1
                                     1 | 16.67%
0100 0001 1 | 11 |
                         1
                               5
                                 - 1
                                     1 | 16.67%
                       6
0100 0010 0 | 00 |
                         1
                              6
                                 - 1
                                     0 | 0.00%
                      6
0100 0010 0 | 01 |
                         6
                                 -
                                     01 0.00%
                      6
0100 0010 0 | 10 |
                      6
                         1
                              6
                                 0 | 0.00%
0100 0010 0 | 11 |
                         |
                                 1
                                     0 | 0.00%
                      6
                              6
0100 0010 1 | 00 |
                                     0 | 0.00%
                      7
                         1
                               7 I
0100 0010 1 | 01 |
                                     01 0.00%
                      7
                         1
                              7 I
0100 0010 1 | 10 |
                      7
                         1
                                 - 1
                                     1 | 14.29%
                              6
0100 0010 1 | 11 |
                                     1 | 14.29%
                      7
                         1
                                 6
0100 0011 0 | 00 |
                         ١
                                     0 | 0.00%
                      7
                              7 I
0100 0011 0 | 01 |
                                     01 0.00%
                      7
                         1
                              7 I
0100 0011 0 | 10 |
                      7
                         1
                              7
                                 - 1
                                     01 0.00%
0100 0011 0 | 11 |
                      7
                         1
                              7 I
                                     0 | 0.00%
0100 0011 1 | 00 |
                                     01 0.00%
                       8
                         1
                              8
                                 - 1
0100 0011 1 | 01 |
                                     4 | 50.00%
                       8
                         1
                              4
                                - 1
0100 0011 1 | 10 |
                         1
                              7
                                 - 1
                                     1 | 12.50%
                       8
0100 0011 1 | 11 |
                       8
                         |
                               7
                                 1
                                     1 | 12.50%
0100 0100 0 | 00 |
                       8 |
                               8 |
                                     0 | 0.00%
```

				_				
0100 0100	•		l	8	l	0	 -	8 100.00%
0100 0100	_			8	l	8	 -	0 0.00%
0100 0100	•			8	l	8	 -	0 0.00%
0100 0100	-			9	l	9	 -	0 0.00%
0100 0100	-		<u> </u>	9	l	1	l	8 88.89%
0100 0100	-		l	9	1	8		1 11.11%
0100 0100	-			9		8		1 11.11%
0100 0101	•		l	9	1	9		0 0.00%
0100 0101	_			9	1	1		8 88.89%
0100 0101	•			9	I	9		0 0.00%
0100 0101	•			9	I	9		01 0.00%
0100 0101	-			10	I	10		0 0.00%
0100 0101	1	l 01	l	10	I	2	l	8 80.00%
0100 0101	1	l 10	l	10	I	9	l	1 10.00%
0100 0101	1	11	l	10	I	9	I	1 10.00%
0100 0110	0	00	l	10	I	10		01 0.00%
0100 0110	0	l 01	l	10	I	2	l	8 80.00%
0100 0110	0	l 10	l	10	I	10		0 0.00%
0100 0110	0	l 11	l	10	I	10		0 0.00%
0100 0110	1	00	l	11	I	11		0 0.00%
0100 0110	1	l 01	l	11	1	3		8 72.73%
0100 0110	1	l 10	l	11	1	10		1 9.09%
0100 0110	1	l 11	l	11	1	10		1 9.09%
0100 0111	0	00	l	11	1	11		01 0.00%
0100 0111	0	l 01	l	11	1	3	I	8 72.73%
0100 0111	0	l 10	l	11	1	11		0 0.00%
0100 0111	0	l 11	l	11	I	11		0 0.00%
0100 0111	1	00	l	12	1	12		0 0.00%
0100 0111	1	l 01	l	12	I	0	I	12 100.00%
0100 0111	1	l 10	l	12	1	11		1 8.33%
0100 0111	1	l 11	l	12	1	11		1 8.33%
0100 1000	0	00	l	12	1	12		0 0.00%
0100 1000	0	l 01	l	12	1	12		0 0.00%
0100 1000	0	l 10	l	12	I	12		01 0.00%
0100 1000	0	l 11	l	12	1	12		0 0.00%
0100 1000	1	00	l	13	I	13		01 0.00%
0100 1000	1	l 01	l	13	I	13		01 0.00%
0100 1000	1	l 10	l	13	I	12		1 7.69%
0100 1000	1	l 11	l	13	I	12		1 7.69%
0100 1001	0	00	l	13	I	13		01 0.00%
0100 1001	0	l 01	l	13	1	13		01 0.00%
0100 1001	0	l 10	l	13	I	13		01 0.00%
0100 1001			I	13	I	13	I	0 0.00%
0100 1001			l	14	1	14	I	01 0.00%
0100 1001			l	14	1	14	I	01 0.00%
0100 1001			I	14	I	13	I	1 7.14%
		•						,-

0100 1001	1 11	14 l	13 1 7.14%
0100 1010	0 00	14 l	14 0 0.00%
0100 1010	0 01	14 l	14 0 0.00%
0100 1010	0 10	14 l	14 0 0.00%
0100 1010	0 11	14 l	14 0 0.00%
0100 1010	1 00	15 l	15 0 0.00%
0100 1010	1 01	15 l	15 0 0.00%
0100 1010	1 10	15 l	14 1 6.67%
0100 1010	1 11	15 l	14 1 6.67%
0100 1011	0 00	15 l	15 0 0.00%
0100 1011	0 01	15 l	15 0 0.00%
0100 1011	0 10	15 l	15 0 0.00%
0100 1011	0 11	15 l	15 0 0.00%
0100 1011	1 00	16 l	16 0 0.00%
0100 1011	1 01	16 l	12 4 25.00%
0100 1011	1 10	16 l	15 1 6.25%
0100 1011	1 11	16 l	15 1 6.25%
0100 1100	0 00	16 l	16 0 0.00%
0100 1100	0 01	16 l	8 8 50.00%
0100 1100	0 10	16 l	16 0 0.00%
0100 1100	0 11	16 l	16 0 0.00%
0100 1100	1 00	17 l	17 0 0.00%
0100 1100	1 01	17 l	9 8 47.06%
0100 1100	1 10	17 l	16 1 5.88%
0100 1100	1 11	17 l	16 1 5.88%
0100 1101	0 00	17 I	17 0 0.00%
0100 1101	0 01	17 I	9 8 47.06%
0100 1101	0 10	17 l	17 0 0.00%
0100 1101	0 11	17 l	17 0 0.00%
0100 1101	1 00	18 l	18 0 0.00%
0100 1101	1 01	18 l	10 8 44.44%
0100 1101	1 10	18 l	17 1 5.56%
0100 1101	1 11	18 l	17 1 5.56%
0100 1110	0 00	18 l	18 0 0.00%
0100 1110	0 01	18 I	10 8 44.44%
0100 1110	0 10	18 I	18 0 0.00%
0100 1110	0 11	18 I	18 0 0.00%
0100 1110	1 00	19 l	19 0 0.00%
0100 1110	1 01	19 l	11 8 42.11%
0100 1110	1 10	19 l	18 1 5.26%
0100 1110	1 11	19 I	18 1 5.26%
0100 1111	0 00	19 I	19 0 0.00%
0100 1111	0 00	19	11 8 42.11%
0100 1111	0 10	19 I	19 0 0.00%
0100 1111	0 11	19 I	19 0 0.00%
0100 1111	1 00	20	20 0 0.00%
0100 1111	1 1 00 1	∠U I	20 1 01 0.00 //

0100 1111			0.1		20		0		12 60 000
0100 1111	1		• •	!	20		8		12 60.00%
0100 1111	1		10	1	20		19		1 5.00%
0100 1111	1		11	!	20		19 ~	. !	1 5.00%
0101 0000	0		00	1	5	 -	5		0 0.00%
0101 0000	0		01		5	l	5		0 0.00%
0101 0000	0		10		5	l	5		0 0.00%
0101 0000	0		11		5	 -	5		0 0.00%
0101 0000	1	1	00		6	 -	6		0 0.00%
0101 0000	1		01	1	6	1	6		0 0.00%
0101 0000	1		10	1	6	1	5		1 16.67%
0101 0000	1	ı	11	ı	6	1	5		1 16.67%
0101 0001	0		00	I	6	l	6		01 0.00%
0101 0001	0	I	01	I	6	I	6	I	01 0.00%
0101 0001	0	ı	10	I	6	l	5	l	1 16.67%
0101 0001	0	I	11	I	6	l	5	I	1 16.67%
0101 0001	1	I	00	I	7	l	7	I	0 0.00%
0101 0001	1	I	01	I	7	I	7	I	01 0.00%
0101 0001	1	I	10	I	7	I	5	I	2 28.57%
0101 0001	1	I	11	I	7	I	5	I	2 28.57%
0101 0010	0	I	00	I	7	I	7		01 0.00%
0101 0010	0	I	01	1	7	I	7	I	01 0.00%
0101 0010	0	1	10	I	7	I	7		01 0.00%
0101 0010	0	I	11	I	7	I	7	1	01 0.00%
0101 0010	1	I	00	I	8	I	8	1	01 0.00%
0101 0010	1	I	01	I	8	I	4	1	4 50.00%
0101 0010	1	I	10	1	8	1	7	1	1 12.50%
0101 0010	1	I	11	1	8	1	7	1	1 12.50%
0101 0011	0	I	00	I	8	I	8		01 0.00%
0101 0011	0	I	01	I	8	I	4		4 50.00%
0101 0011	0	I	10	I	8	I	7	1	1 12.50%
0101 0011	0	I	11	I	8	I	7	1	1 12.50%
0101 0011	1	I	00	I	9	I	9	I	01 0.00%
0101 0011	1	I	01	I	9	I	5	I	4 44.44%
0101 0011	1	I	10	I	9	I	7	I	2 22.22%
0101 0011	1	I	11	I	9	I	7	I	2 22.22%
0101 0100	0	I	00	I	9	I	9	I	01 0.00%
0101 0100	0	I	01	I	9	I	1	I	8 88.89%
0101 0100	0	I	10	I	9	I	9	I	0 0.00%
0101 0100	0	I	11	I	9	I	9	I	0 0.00%
0101 0100	1	ı	00	I	10	I	10	I	01 0.00%
0101 0100	1	I	01	I	10	Ι	2	Ι	8 80.00%
0101 0100	1	ı	10	I	10	I	9	ı	1 10.00%
0101 0100	1	Ì	11	Ī	10	Ī	9	Ì	1 10.00%
0101 0101	0	ı	00	ı	10	Ī	10	Ī	0 0.00%
0101 0101	0		01	ı	10	İ	2	İ	8 80.00%
0101 0101	0		10	·	10	İ	9	i	1 10.00%
5101 0101	9	•		•	10	•		•	11 10,0070

0101 0101	0	11 l	10 l	9	1 10.00%
0101 0101	1	00	11 l	11 l	0 0.00%
0101 0101	1	01 l	11 l	3	8 72.73%
0101 0101	1	10 l	11 l	9	2 18.18%
0101 0101	1 l	11 l	11 l	9	2 18.18%
0101 0110	0	00	11 l	11 l	0 0.00%
0101 0110	0	01 l	11 l	3	8 72.73%
0101 0110	0	10 l	11 l	11 l	0 0.00%
0101 0110	0	11 l	11 l	11 l	0 0.00%
0101 0110	1 l	00	12 I	12 l	0 0.00%
0101 0110	1 l	01 l	12 I	0	12 100.00%
0101 0110	1 l	10 l	12 I	11 l	1 8.33%
0101 0110	1 l	11 l	12 l	11 l	1 8.33%
0101 0111	0	00	12 l	12 l	0 0.00%
0101 0111	0	01 l	12 I	0	12 100.00%
0101 0111	0	10 l	12 I	11 l	1 8.33%
0101 0111	0	11 l	12 I	11 l	1 8.33%
0101 0111	1 I	00	13 I	13 I	0 0.00%
0101 0111	1 I	01 l	13 I	1 l	12 92.31%
0101 0111	1 I	10 l	13 l	11 l	2 15.38%
0101 0111	1	11 l	13 l	11 l	2 15.38%
0101 1000	0	00	13 l	13 I	0 0.00%
0101 1000	0	01 l	13 l	13 I	0 0.00%
0101 1000	0 1	10 l	13	13 I	0 0.00%
0101 1000	0 1		13	13	0 0.00%
0101 1000		00	14	14	0 0.00%
0101 1000		01	14 l	14	0 0.00%
0101 1000		10	14 l	13	1 7.14%
0101 1000		11	14 l	13	1 7.14%
0101 1001		00	14 I	14	01 0.00%
0101 1001		01	14 l	14	01 0.00%
0101 1001		10	14 l	13	1 7.14%
0101 1001		11	14 I	13	1 7.14%
0101 1001		00	15 I	15	01 0.00%
0101 1001		01	15	15	01 0.00%
0101 1001		10	15	13	2 13.33%
0101 1001	1 I		15 I	13	2 13.33%
0101 1010		00	15 I	15	0 0.00%
0101 1010		01	15 I	15	01 0.00%
0101 1010		10	15 I	15	01 0.00%
0101 1010	0 1		15 I	15	0 0.00%
0101 1010		00	16 l	16	0 0.00%
0101 1010		00 I	16 I	12	4 25.00%
0101 1010		10	16 I	15	1 6.25%
0101 1010	1 I		16 I	15	1 6.25%
0101 1011	0	00	16 l	16	0 0.00%

0101 1011	0	l 01	l	16	1	12	I	4 I	25.00%
0101 1011	0	l 10	l	16		15	١	1 l	6.25%
0101 1011	0	l 11	I	16		15	I	1 l	6.25%
0101 1011	1	00	I	17		17	١	01	0.00%
0101 1011	1	l 01	I	17		13	١	4 I	23.53%
0101 1011	1	l 10	I	17		15	١	21	11.76%
0101 1011	1	l 11	l	17		15	1	21	11.76%
0101 1100	0	1 00	l	17	1	17	I	01	0.00%
0101 1100	0	l 01	I	17		9		8 I	47.06%
0101 1100	0	l 10	l	17	1	17	I	01	0.00%
0101 1100	0	l 11	I	17		17	I	01	0.00%
0101 1100	1	1 00	I	18		18	I	01	0.00%
0101 1100	1	l 01	I	18		10	ı	81	44.44%
0101 1100	1	l 10	I	18		17	ı	1 l	5.56%
0101 1100	1	l 11	I	18	ı	17	ı	1	5.56%
0101 1101	0	1 00	I	18	I	18	I	01	0.00%
0101 1101	0	01	I	18	ı	10	ı	81	44.44%
0101 1101	0	l 10	I	18	ı	17	ı	1	5.56%
0101 1101	0	11	ı	18	I	17	ı	1 I	5.56%
0101 1101	1	1 00	l	19	I	19	ı	01	0.00%
0101 1101	1	l 01	ı	19	I	11	ı	81	42.11%
0101 1101	1	l 10	l	19	I	17	ı	21	10.53%
0101 1101	1	l 11	I	19	ı	17	ı	21	10.53%
0101 1110	0	1 00	l	19	I	19	ı	01	0.00%
0101 1110	0	l 01	l	19	I	11	ı	81	42.11%
0101 1110	0	l 10	l	19	I	19	ı	01	0.00%
0101 1110	0	l 11	l	19	I	19	ı	01	0.00%
0101 1110	1	1 00	ı	20	I	20	ı	01	0.00%
0101 1110	1	01	l	20	I	8	I	12 l	
0101 1110	1	10	ı	20	ı	19	ı	11	5.00%
0101 1110	1	l 11	l	20	I	19	ı	11	5.00%
0101 1111	0		I	20	I	20	ı	01	0.00%
0101 1111	0	01	l	20	ı	8	Ī		60.00%
0101 1111	0		I	20	I	19	ı	1	
0101 1111	0			20	ı	19	Ī	11	
0101 1111	1		ı	21	I	21	ı	01	
0101 1111	1	01		21	ı	9	Ī		57.14%
0101 1111	1		l	21	ı	19	Ī	21	
0101 1111	1		·	21	İ	19	Ī	21	
0110 0000	0		İ	6	İ	6	Ī	01	0.00%
0110 0000	0	1 01	i	6	i	6	ı	01	0.00%
0110 0000	0			6	i	6	i I	01	0.00%
0110 0000	0			6	i	6	i I	01	0.00%
0110 0000	1	1 00		7	i	7	i I	01	0.00%
0110 0000	1			7	i	7	ŀ	01	0.00%
0110 0000	1			7	ŀ	6	i I		14.29%
0110 0000	1	1 10	•	,	1	U	•	Ιİ	1 T,47 /U

```
0110 0000 1 | 11 |
                      7 I
                              6
                                    1 | 14.29%
                                0110 0001 0 | 00 |
                                - 1
                                    01 0.00%
                      7
                         1
                              7
                                    01 0.00%
0110 0001 0 | 01 |
                      7
                         1
                              7 I
0110 0001 0 | 10 |
                                    01 0.00%
                      7
                         1
                              7
                                - 1
                              7 I
0110 0001 0 | 11 |
                      7
                         1
                                    0 | 0.00%
0110 0001 1 | 00 |
                                    01 0.00%
                      8
                         8
                                - [
0110 0001 1 | 01 |
                      8
                         4 |
                                    4 | 50.00%
0110 0001 1 | 10 |
                      8
                         1
                              7 I
                                    1 | 12.50%
0110 0001 1 | 11 |
                      8
                              7 I
                                    1 | 12.50%
                         1
0110 0010 0 | 00 |
                      8
                         8
                                - [
                                    01 0.00%
0110 0010 0 | 01 |
                      8
                         1
                              4
                                4 | 50.00%
0110 0010 0 | 10 |
                      8
                         1
                              8 1
                                    01 0.00%
0110 0010 0 | 11 |
                                    8 | 100.00%
                      8
                         1
                              0
                                 -
0110 0010 1 | 00 |
                         1
                                    01 0.00%
                      9
                              9 |
0110 0010 1 | 01 |
                      9
                         1
                              5
                                - [
                                    4 | 44.44%
0110 0010 1 | 10 |
                      9
                         1
                              8 1
                                    1 | 11.11%
0110 0010 1 | 11 |
                         1
                                - 1
                                    9 | 100.00%
                      9
                              0
0110 0011 0 | 00 |
                                    01 0.00%
                      9
                         9
                                - |
0110 0011 0 | 01 |
                      9
                         1
                              5
                                - [
                                    4 | 44.44%
0110 0011 0 | 10 |
                      9
                         1
                              9 |
                                    01 0.00%
0110 0011 0 | 11 |
                         1
                              1 |
                                    8 | 88.89%
                      9
0110 0011 1 | 00 |
                      10
                         10
                                 -
                                     01 0.00%
0110 0011 1 | 01 |
                                     4 | 40.00%
                      10
                         - 1
                              6
                                 - 1
0110 0011 1 | 10 |
                      10
                         - 1
                              9
                                 1 | 10.00%
0110 0011 1 | 11 |
                      10
                         - 1
                              1
                                 - [
                                     9 | 90.00%
0110 0100 0 | 00 |
                              10 l
                      10
                         0 | 0.00%
0110 0100 0 | 01 |
                                     81 80.00%
                      10
                         - 1
                              2 |
0110 0100 0 | 10 |
                      10
                         -
                              10 I
                                     01 0.00%
0110 0100 0 | 11 |
                      10
                         10 I
                                     01 0.00%
0110 0100 1 | 00 |
                      11
                         -
                              11
                                 0 | 0.00%
0110 0100 1 | 01 |
                      11
                         -
                              3
                                 1
                                     8 | 72.73%
0110 0100 1 | 10 |
                                     11 9.09%
                      11
                         -
                              10 I
0110 0100 1 | 11 |
                      11
                          1
                              10 I
                                     1 | 9.09%
0110 0101 0 | 00 |
                      11
                         -
                              11
                                 - 1
                                     0 | 0.00%
0110 0101 0 | 01 |
                      11
                          1
                              3
                                 1
                                     8 | 72.73%
0110 0101 0 | 10 |
                      11
                          1
                                 01 0.00%
                              11
0110 0101 0 | 11 |
                      11
                         11
                                 01 0.00%
0110 0101 1 | 00 |
                      12
                         - 1
                              12
                                 0 | 0.00%
0110 0101 1 | 01 |
                      12
                         - 1
                              0 |
                                    12 | 100.00%
0110 0101 1 | 10 |
                      12
                         - 1
                              11
                                  11 8.33%
0110 0101 1 | 11 |
                      12
                              11
                                 1 | 8.33%
                         0110 0110 0 | 00 |
                              12 I
                      12 I
                                     0 | 0.00%
0110 0110 0 | 01 |
                                    12 | 100.00%
                      12
                         - 1
                              0 |
0110 0110 0 | 10 |
                      12
                         1
                              12
                                  01 0.00%
0110 0110 0 | 11 |
                      12
                         -
                              12
                                  01 0.00%
0110 0110 1 | 00 |
                      13
                              13 I
                                     0 | 0.00%
```

0110 0110	1	1 01	1	13	-	1	1	12 I	92.31%
0110 0110	1	l 10	I	13		12	I	1 l	7.69%
0110 0110	1	11	- [13		12	1	1 l	7.69%
0110 0111	0	1 00	- 1	13		13	I	01	0.00%
0110 0111	0	01	I	13		1	I	12 I	92.31%
0110 0111	0	l 10	- 1	13		13	I	01	0.00%
0110 0111	0	l 11	1	13	1	13	1	01	0.00%
0110 0111	1	1 00	- 1	14	1	14	1	01	0.00%
0110 0111	1	01	I	14		2	I	12 I	85.71%
0110 0111	1	10	- 1	14		13	I	1 l	7.14%
0110 0111	1	11	I	14		13	I	1 l	7.14%
0110 1000	0	1 00	I	14		14	I	01	0.00%
0110 1000	0	01	I	14		14	I	01	0.00%
0110 1000	0	I 10	1	14		14	I	01	0.00%
0110 1000	0	l 11	ı	14	ı	14	ı	01	0.00%
0110 1000	1	1 00	- 1	15	ı	15	ı	01	0.00%
0110 1000	1	01	1	15	ı	15	ı	01	0.00%
0110 1000	1	l 10	1	15	ı	14	ı	1 l	6.67%
0110 1000	1	11	ı	15	ı	14	ı	1 I	6.67%
0110 1001	0	1 00	1	15	I	15	ı	01	0.00%
0110 1001	0	01	ı	15	ı	15	ı	01	0.00%
0110 1001	0	1 10	İ	15	i	15	Ī	01	0.00%
0110 1001	0	11	1	15	ı	15	ı	01	0.00%
0110 1001	1	1 00	1	16	ı	16	ı	01	0.00%
0110 1001	1	01	Ī	16	ı	12	Ī	41	25.00%
0110 1001	1	l 10	1	16	ı	15	ı	1 l	6.25%
0110 1001	1	11	Ī	16	ı	15	Ī	11	6.25%
0110 1010	0	1 00	1	16	ı	16	1	01	0.00%
0110 1010	0	01	Ī	16	ı	12	Ī	41	25.00%
0110 1010	0	1 10	Ī	16	ı	16	Ī		0.00%
0110 1010	0	11		16	ı	8	ĺ		50.00%
0110 1010	1	1 00		17	ı		Ī		0.00%
0110 1010	1	01		17	İ	13	ŀ		23.53%
0110 1010	1	1 10		17	ı	16	Ī		5.88%
0110 1010	1	11		17	İ	8	Ī		52.94%
0110 1011	0	1 00		17	İ	17	Ī		0.00%
0110 1011	0	01		17	i	13	ı		23.53%
0110 1011	0	1 10		17	·	17	·		0.00%
0110 1011	0	11		17	i	9	i		47.06%
0110 1011	1	1 00		18	·	18	·	01	
0110 1011	1	01		18	i	14	i		22.22%
0110 1011	1	1 10		18	i	17	·		5.56%
0110 1011	1	1 11		18	ı	9	ı		50.00%
0110 1011	0	1 00		18	ı	18	' 		0.00%
0110 1100	0	1 00		18	ı	10	ŀ		44.44%
0110 1100	0	1 10		18	ı	18	ŀ	01	
0110 1100	U	1 10		10	ı	10	ı	υı	0.00%

0110 1100	0 11	18 I	18 0 0.00%
0110 1100	1 00	19 l	19 0 0.00%
0110 1100	1 01	19 l	11 8 42.11%
0110 1100	1 10	19 l	18 1 5.26%
0110 1100	1 11	19 l	18 1 5.26%
0110 1101	0 00	19 l	19 0 0.00%
0110 1101	0 01	19 l	11 8 42.11%
0110 1101	0 10	19 l	19 0 0.00%
0110 1101	0 11	19 l	19 0 0.00%
0110 1101	1 00	20 I	20 0 0.00%
0110 1101	1 01	20 I	8 12 60.00%
0110 1101	1 10	20 I	19 1 5.00%
0110 1101	1 11	20 I	19 1 5.00%
0110 1110	0 00	20 I	20 0 0.00%
0110 1110	0 01	20 I	8 12 60.00%
0110 1110	0 10	20 I	20 0 0.00%
0110 1110	0 11	20 I	20 0 0.00%
0110 1110	1 00	21 l	21 0 0.00%
0110 1110	1 01	21 l	9 12 57.14%
0110 1110	1 10	21 l	20 1 4.76%
0110 1110	1 11	21 l	20 1 4.76%
0110 1111	0 00	21 l	21 0 0.00%
0110 1111	0 01	21 l	9 12 57.14%
0110 1111	0 10	21 l	21 0 0.00%
0110 1111	0 11	21 l	21 0 0.00%
0110 1111	1 00	22 I	22 0 0.00%
0110 1111	1 01	22 I	10 12 54.55%
0110 1111	1 10	22 I	21 1 4.55%
0110 1111	1 11	22 I	21 1 4.55%
0111 0000	0 00	7 I	7 0 0.00%
0111 0000	0 01	7 I	7 0 0.00%
0111 0000	0 10	7 I	7 0 0.00%
0111 0000	0 11	7 I	7 0 0.00%
0111 0000	1 00	8	8 0 0.00%
0111 0000	1 01	8 I	4 4 50.00%
0111 0000	1 10	8	7 1 12.50%
0111 0000	1 11	8	7 1 12.50%
0111 0001	0 00	8	8 0 0.00%
0111 0001	0 01	8	4 4 50.00%
0111 0001	0 10	8 I	7 1 12.50%
0111 0001	0 11	8 I	7 1 12.50%
0111 0001	1 00	9	9 0 0.00%
0111 0001	1 01	9	5 4 44.44%
0111 0001	1 10	9	7 2 22.22%
0111 0001	1 11	9	7 2 22.22%
0111 0010	0 00	9	9 0 0.00%
		•	

```
0111 0010 0 | 01 |
                             5 I
                                   4 | 44.44%
                      9 |
0111 0010 0 | 10 |
                             9 |
                                   01 0.00%
                      9 |
                                   81 88.89%
0111 0010 0 | 11 |
                      9 |
                             1 |
0111 0010 1 | 00 |
                     10
                        10 I
                                    01 0.00%
0111 0010 1 | 01 |
                     10
                         - 1
                              6 |
                                    4 | 40.00%
0111 0010 1 | 10 |
                     10
                         9 |
                                    1 | 10.00%
0111 0010 1 | 11 |
                     10
                        1 |
                                    9 | 90.00%
0111 0011 0 | 00 |
                     10
                        10 I
                                    01 0.00%
0111 0011 0 | 01 |
                     10
                                    4 | 40.00%
                         - 1
                              6
                                0111 0011 0 | 10 |
                     10
                         - 1
                              9 |
                                    1 | 10.00%
0111 0011 0 | 11 |
                     10
                                    9 | 90.00%
                         1
                                - 1
0111 0011 1 | 00 |
                     11
                         -
                              11 I
                                    0 | 0.00%
                              7
0111 0011 1 | 01 |
                         1
                                Т
                                    4 | 36.36%
                     11
0111 0011 1 | 10 |
                     11
                         -
                              9 |
                                    2 | 18.18%
0111 0011 1 | 11 |
                     11
                         1 |
                                   10 | 90.91%
0111 0100 0 | 00 |
                     11
                         -
                              11
                                01 0.00%
0111 0100 0 | 01 |
                         -
                              3
                                - [
                                    8 | 72.73%
                     11
0111 0100 0 | 10 |
                             11
                                -
                                    01 0.00%
                     11
                         -
0111 0100 0 | 11 |
                         11 l
                                    01 0.00%
                     11
0111 0100 1 | 00 |
                     12
                         12 I
                                    0 | 0.00%
0111 0100 1 | 01 |
                     12
                        - 1
                              0 | 12 | 100.00%
0111 0100 1 | 10 |
                                    11 8.33%
                     12
                        - [
                              11
                                -
0111 0100 1 | 11 |
                                    11 8.33%
                     12
                        11 I
0111 0101 0 | 00 |
                     12
                        12 I
                                    01 0.00%
0111 0101 0 | 01 |
                     12
                        0 |
                                   12 | 100.00%
0111 0101 0 | 10 |
                             11 l
                     12 I
                                    1 | 8.33%
0111 0101 0 | 11 |
                                    11 8.33%
                     12
                        - 1
                             11 I
0111 0101 1 | 00 |
                     13
                         -
                              13 I
                                    0 | 0.00%
0111 0101 1 | 01 |
                     13
                         1 |
                                   12 | 92.31%
0111 0101 1 | 10 |
                     13
                         - 1
                             11 l
                                    2 | 15.38%
0111 0101 1 | 11 |
                     13
                         - 1
                             11
                                 -
                                    2 | 15.38%
0111 0110 0 | 00 |
                     13
                        13
                                 01 0.00%
0111 0110 0 | 01 |
                     13
                         1 | 12 | 92.31%
0111 0110 0 | 10 |
                             13 I
                     13
                                    0 | 0.00%
                         - 1
0111 0110 0 | 11 |
                              13 I
                     13
                         -
                                    01 0.00%
0111 0110 1 | 00 |
                     14
                         -
                              14
                                 01 0.00%
0111 0110 1 | 01 |
                     14
                         2 | 12 | 85.71%
0111 0110 1 | 10 |
                                 - [
                         - 1
                              13
                                    1 | 7.14%
                     14
0111 0110 1 | 11 |
                     14
                         - 1
                             13 I
                                    1 | 7.14%
0111 0111 0 | 00 |
                     14
                         14
                                 01 0.00%
0111 0111 0 | 01 |
                              2 |
                                   12 | 85.71%
                     14
                         - |
                             13 I
                                    1 | 7.14%
0111 0111 0 | 10 |
                     14
                        - 1
0111 0111 0 | 11 |
                     14
                         - 1
                             13 I
                                     1 | 7.14%
0111 0111 1 | 00 |
                     15
                         1
                             15 I
                                    01 0.00%
0111 0111 1 | 01 |
                     15
                         -
                              3
                                12 | 80.00%
0111 0111 1 | 10 |
                     15 I
                             13
                                    2 | 13.33%
```

0111 0111	1	l 11	I	15	I	13	I	2 13.33%
0111 1000	0	1 00	I	15	1	15	1	01 0.00%
0111 1000	0	1 01	I	15	I	15	I	01 0.00%
0111 1000	0	l 10	I	15	I	15	I	01 0.00%
0111 1000	0	l 11	I	15	1	15	I	01 0.00%
0111 1000	1	1 00	I	16	1	16	I	01 0.00%
0111 1000	1	01	I	16	I	12	I	4 25.00%
0111 1000	1	l 10	I	16	I	15	I	1 6.25%
0111 1000	1	I 11	I	16	ı	15	I	1 6.25%
0111 1001	0	1 00	I	16	I	16	I	01 0.00%
0111 1001	0	01	I	16	ı	12	I	4 25.00%
0111 1001	0	10	I	16	ı	15	I	1 6.25%
0111 1001	0	l 11	I	16	Ī	15	I	1 6.25%
0111 1001	1	1 00	I	17	Ī	17	I	01 0.00%
0111 1001	1	01	ı	17	ı	13	ı	4 23.53%
0111 1001	1	l 10	ı	17	ı	15	ı	2 11.76%
0111 1001	1	l 11	ı	17	ı	15	ı	2 11.76%
0111 1010	0	1 00	ı	17	Ī	17	Ī	01 0.00%
0111 1010	0	01	i	17	Ī	13	Ī	4 23.53%
0111 1010	0	1 10	ı	17	Ī	17	Ī	0 0.00%
0111 1010	0	11	i	17	Ī	9	ĺ	8 47.06%
0111 1010	1	1 00	İ	18	İ	18	·	01 0.00%
0111 1010	1	01	i	18	Ī	14	İ	41 22.22%
0111 1010	1	1 10	i	18	Ī	17	Ī	1 5.56%
0111 1010	1	11	i	18	İ	9	i	9 50.00%
0111 1011	0	1 00	İ	18	İ	18	·	0 0.00%
0111 1011	0	01	ı	18	Ī	14	Ī	41 22.22%
0111 1011	0	10	İ	18	İ	17	i	1 5.56%
0111 1011	0	11	i	18	i	9	i	9 50.00%
0111 1011	1	1 00	ŀ	19	Ī	19	·	01 0.00%
0111 1011	1	01	ı	19	İ	15	İ	4 21.05%
0111 1011	1	1 10	İ	19	Ī	17	İ	2 10.53%
0111 1011	1	1 11	ı	19	i	9	ï	10 52.63%
0111 1100	0	1 00	ŀ	19	Ī	19	·	0 0.00%
0111 1100	0	01	ı	19	Ī	11	Ī	8 42.11%
0111 1100	0	1 10	i	19	Ī	19	Ī	01 0.00%
0111 1100	0	1 11	ı	19	Ī	19	Ī	01 0.00%
0111 1100	1	1 00	ı	20	Ī	20	Ī	01 0.00%
0111 1100	1	01	ı	20	Ī	8	Ī	12 60.00%
0111 1100	1	1 10	ŀ	20	İ	19	·	1 5.00%
0111 1100	1	1 11	ı	20	i	19	i	1 5.00%
0111 1100	0	1 00	ŀ	20	i	20	i	0 0.00%
0111 1101	0	1 01	ı	20	ŀ	8	ı	12 60.00%
0111 1101	0	1 10	ŀ	20	i	19		1 5.00%
0111 1101	0	1 11	ı	20	İ	19	İ	1 5.00%
0111 1101	1	1 00	ı	21	ŀ	21	İ	0 0.00%
0111 1101	1	. 50	'	<i>-</i> 1	•	<i>-</i> 1	'	0.00/0

```
0111 1101 1 | 01 |
                     21
                        - 1
                              9 | 12 | 57.14%
0111 1101 1 | 10 |
                             19
                                - [
                                    21 9.52%
                     21
                         1
                                    21 9.52%
0111 1101 1 | 11 |
                     21
                         1
                             19 l
0111 1110 0 | 00 |
                     21
                         1
                             21
                                0 | 0.00%
0111 1110 0 | 01 |
                              9 | 12 | 57.14%
                     21
                         1
0111 1110 0 | 10 |
                         01 0.00%
                     21
                             21
                                 0111 1110 0 | 11 |
                     21
                         1
                             21
                                 01 0.00%
0111 1110 1 | 00 |
                     22
                         -
                             22
                                01 0.00%
0111 1110 1 | 01 |
                     22
                             10 I
                                    12 | 54.55%
                        0111 1110 1 | 10 |
                     22
                        - 1
                             21
                                - [
                                    1 | 4.55%
0111 1110 1 | 11 |
                     22
                         21
                                 1 | 4.55%
0111 1111 0 | 00 |
                             22 I
                                    01 0.00%
                     22
                         -
0111 1111 0 | 01 |
                     22
                         - 1
                             10 I
                                    12 | 54.55%
0111 1111 0 | 10 |
                     22
                                    1 | 4.55%
                        21 I
0111 1111 0 | 11 |
                     22
                         21
                                 1 | 4.55%
0111 1111 1 | 00 |
                     23
                         -
                             23
                                    01 0.00%
0111 1111 1 | 01 |
                     23
                         -
                             11
                                 12 | 52.17%
0111 1111 1 | 10 |
                                 21 8.70%
                     23
                         -
                             21
0111 1111 1 | 11 |
                     23
                         -
                             21
                                 21 8.70%
1000 0000 0 | 00 |
                      8
                        1
                             8 1
                                   01 0.00%
1000 0000 0 | 01 |
                      8
                        1
                             8 |
                                   0 | 0.00%
1000 0000 0 | 10 |
                                   01 0.00%
                      8
                        8
                                - [
1000 0000 0 | 11 |
                                   01 0.00%
                      8
                        1
                             8
                               - [
                                   01 0.00%
1000 0000 1 | 00 |
                        9
                               1000 0000 1 | 01 |
                                   01 0.00%
                     9
                        1
                             9 |
1000 0000 1 | 10 |
                                   1 | 11.11%
                      9
                        8 1
1000 0000 1 | 11 |
                                   1 | 11.11%
                     9
                        1
                             8
                               - 1
1000 0001 0 | 00 |
                     9
                        1
                             9 |
                                   01 0.00%
1000 0001 0 | 01 |
                      9
                        |
                             9
                               01 0.00%
1000 0001 0 | 10 |
                     9
                        1
                             9 |
                                   0 | 0.00%
1000 0001 0 | 11 |
                     9
                        9 |
                                   01 0.00%
1000 0001 1 | 00 |
                     10
                        - 1
                             10 l
                                    0 | 0.00%
1000 0001 1 | 01 |
                              10 l
                     10
                         - 1
                                    01 0.00%
1000 0001 1 | 10 |
                                    1 | 10.00%
                     10
                        - 1
                              9 |
1000 0001 1 | 11 |
                              9 |
                                    1 | 10.00%
                     10
                        - 1
1000 0010 0 | 00 |
                     10
                        - 1
                             10
                                    01 0.00%
1000 0010 0 | 01 |
                     10
                        10 I
                                    01 0.00%
1000 0010 0 | 10 |
                     10
                        - 1
                             10
                                    0 | 0.00%
1000 0010 0 | 11 |
                                    01 0.00%
                     10
                        - 1
                             10
1000 0010 1 | 00 |
                     11
                         11
                                 01 0.00%
1000 0010 1 | 01 |
                     11
                         -
                             11
                                 01 0.00%
1000 0010 1 | 10 |
                                    1 | 9.09%
                     11
                         -
                             10
1000 0010 1 | 11 |
                                     11 9.09%
                     11
                         -
                             10
1000 0011 0 | 00 |
                     11
                         1
                             11
                                 01 0.00%
1000 0011 0 | 01 |
                     11
                         1
                              11
                                 01 0.00%
1000 0011 0 | 10 |
                     11
                        - 1
                             11 I
                                    0 | 0.00%
```

1000 0011	0	11	I	11	I	11 l	0	
1000 0011	1	1 00	I	12	I	12 l	0	
1000 0011	1	01	I	12	I	8 1		33.33%
1000 0011	1	l 10	I	12	I	11 l	1	
1000 0011	1	11	I	12		11 l	1	8.33%
1000 0100	0	1 00	I	12		12 l	0	0.00%
1000 0100	0	01	I	12		12 l	0	0.00%
1000 0100	0	10	I	12		12 l	0	0.00%
1000 0100	0	l 11	I	12	I	12 I	0	0.00%
1000 0100	1	1 00	I	13	I	13 l	0	0.00%
1000 0100	1	01	I	13	I	13 l	0	0.00%
1000 0100	1	l 10	I	13	I	12 I	1	7.69%
1000 0100	1	l 11	I	13	1	12 l	1	7.69%
1000 0101	0	1 00	I	13	1	13 l	0	0.00%
1000 0101	0	01	I	13	1	13 l	0	0.00%
1000 0101	0	1 10	I	13	1	13 l	0	0.00%
1000 0101	0	l 11	I	13	1	13 l	0	0.00%
1000 0101	1	1 00	I	14	1	14 l	0	0.00%
1000 0101	1	1 01	I	14	I	14 l	0	0.00%
1000 0101	1	1 10	I	14	I	13 l	1	7.14%
1000 0101	1	I 11	I	14	I	13 l	1	7.14%
1000 0110	0	1 00	I	14	I	14 l	0	0.00%
1000 0110	0	1 01	I	14	I	14 l	0	0.00%
1000 0110	0	l 10	I	14	I	14 l	0	0.00%
1000 0110	0	I 11	I	14	I	14 l	0	0.00%
1000 0110	1	1 00	1	15	1	15 l	0	0.00%
1000 0110	1	1 01	1	15	1	15 l	0	0.00%
1000 0110	1	1 10	I	15	I	14 l	1	6.67%
1000 0110	1	l 11	1	15	1	14 l	1	6.67%
1000 0111	0	1 00	I	15	I	15 l	0	0.00%
1000 0111	0	1 01	I	15	I	15 l	0	0.00%
1000 0111	0	l 10	1	15	1	15 I	0	0.00%
1000 0111	0	l 11	I	15	I	15 l	0	0.00%
1000 0111	1	1 00	1	16	1	16 l	0	0.00%
1000 0111	1	1 01	I	16	I	12 l	4	25.00%
1000 0111	1	l 10	1	16	1	15 I	1	6.25%
1000 0111	1	l 11	I	16	I	15 l	1	6.25%
1000 1000	0	1 00	1	16	1	16 l	0	0.00%
1000 1000	0	1 01	I	16	I	0	16	100.00%
1000 1000	0	l 10	1	16	1	16 l	0	0.00%
1000 1000	0	l 11	I	16	I	16 l	0	0.00%
1000 1000	1	1 00	I	17	1	17 I	0	0.00%
1000 1000	1	1 01	I	17	I	1 l	16	94.12%
1000 1000	1	l 10	I	17	1	16 I	1	5.88%
1000 1000	1	l 11	I	17	I	16 I	1	
1000 1001	0	1 00	I	17	I	17 I		

1000 1001	0		l	17 l	1	I	16 l	94.12%
1000 1001	0	l 10	l	17 l	17		01	0.00%
1000 1001	0	l 11		17 l	17	I	01	0.00%
1000 1001	1	1 00		18 l	18	I	01	0.00%
1000 1001	1	l 01	l	18 l	2		16 l	88.89%
1000 1001	1	l 10		18 l	17	I	1 l	5.56%
1000 1001	1	l 11	l	18 l	17	I	1 l	5.56%
1000 1010	0	1 00	l	18 l	18	I	01	0.00%
1000 1010	0	l 01	I	18 l	2		16 l	88.89%
1000 1010	0	l 10	l	18 l	18	I	01	0.00%
1000 1010	0	l 11	I	18 l	18	I	01	0.00%
1000 1010	1	1 00	I	19 l	19	1	01	0.00%
1000 1010	1	01	l	19 l	3	I	16 l	84.21%
1000 1010	1	l 10	l	19 l	18	ı	1 l	5.26%
1000 1010	1	l 11	I	19 l	18	ı	1 l	5.26%
1000 1011	0	1 00	I	19 l	19	ı	01	0.00%
1000 1011	0		I	19 l	3	I		84.21%
1000 1011	0	10	l	19 I	19	Ī	01	0.00%
1000 1011	0		l	19	19	Ī	01	0.00%
1000 1011	1	1 00	ı	20	20	ı	01	0.00%
1000 1011	1		ı	20	0	Ī		100.00%
1000 1011	1	1 10	i	20	19	İ	11	
1000 1011	1	1 11	i	20	19	İ	11	5.00%
1000 1100	0	1 00	i	20	20	ŀ	01	0.00%
1000 1100	0	01	i	20	4	i		80.00%
1000 1100	0	1 10	ı	20	20	· 	01	0.00%
1000 1100	0	1 11	i	20	20	·	01	0.00%
1000 1100	1		i	21	21	·	01	0.00%
1000 1100	1	1 01	ı	21	5	ï		76.19%
1000 1100	1		ŀ	21	20	' 	11	
1000 1100	1	1 11	ı	21	20	' 	11	
1000 1100			ı	21	21	ı	01	
1000 1101	0		ı	21	5	ı		76.19%
1000 1101				21	21	 	01	
			1					0.00%
1000 1101	0		1	21	21		01	
1000 1101	1		1	22	22		0	
1000 1101	1		1	22	6	1		72.73%
1000 1101	1			22	21		11	
1000 1101	1	11	1	22	21		11	
1000 1110	0		1	22	22		01	0.00%
1000 1110	0	01	1	22	6	1		72.73%
1000 1110	0	10	I	22	22	-	01	
1000 1110	0		I	22 I	22	I	01	
1000 1110	1	1 00	I	23 I	23	I	01	
1000 1110	1	l 01	l	23 I	7	I	16 l	69.57%
1000 1110	1	l 10	l	23 I	22	I	11	4.35%

1000 1110	1 11	23 I	22 1 4.35%
1000 1111	0 00	23 I	23 0 0.00%
1000 1111	0 01	23 I	7 16 69.57%
1000 1111	0 10	23 I	23 0 0.00%
1000 1111	0 11	23 I	23 0 0.00%
1000 1111	1 00	24 I	24 0 0.00%
1000 1111	1 01	24 I	4 20 83.33%
1000 1111	1 10	24 I	23 1 4.17%
1000 1111	1 11	24 I	23 1 4.17%
1001 0000	0 00	9	9 0 0.00%
1001 0000	0 01	9	9 0 0.00%
1001 0000	0 10	9	9 0 0.00%
1001 0000	0 11	9	9 0 0.00%
1001 0000	1 00	10 l	10 0 0.00%
1001 0000	1 01	10 l	10 0 0.00%
1001 0000	1 10	10 l	9 1 10.00%
1001 0000	1 11	10 l	9 1 10.00%
1001 0001	0 00	10 l	10 0 0.00%
1001 0001	0 01	10 l	10 0 0.00%
1001 0001	0 10	10 l	9 1 10.00%
1001 0001	0 11	10 l	9 1 10.00%
1001 0001	1 00	11	11 0 0.00%
1001 0001	1 01	11	11 0 0.00%
1001 0001	1 10	11	9 2 18.18%
1001 0001	1 11	11	9 2 18.18%
1001 0010	0 00	11	11 0 0.00%
1001 0010	0 01	11	11 0 0.00%
1001 0010	0 10	11	11 0 0.00%
1001 0010	0 11	11	11 0 0.00%
1001 0010	1 00	12 I	12 0 0.00%
1001 0010	1 01	12 I	8 4 33.33%
1001 0010	1 10	12 I	11 1 8.33%
1001 0010	1 11	12 I	11 1 8.33%
1001 0011	0 00	12 I	12 0 0.00%
1001 0011	0 01	12 I	8 4 33.33%
1001 0011	0 10	12 I	11 1 8.33%
1001 0011	0 11	12 I	11 1 8.33%
1001 0011	1 00	13	13 0 0.00%
1001 0011	1 01	13	9 4 30.77%
1001 0011	1 10	13	11 2 15.38%
1001 0011	1 11	13	11 2 15.38%
1001 0011	0 00	13 I	13 0 0.00%
1001 0100	0 00	13 I	13 0 0.00%
1001 0100	0 10	13	13 0 0.00%
1001 0100	0 10	13	13 0 0.00%
1001 0100	1 00	13 I 14 I	14 0 0.00%
1001 0100	1 1 00 1	1 4	14 U U.UU%

1001 0100	1	1 01	I	14 l	14 0 0.00%
1001 0100	1	l 10	I	14 l	13 1 7.14%
1001 0100	1	l 11	-	14 l	13 1 7.14%
1001 0101	0	1 00		14 l	14 0 0.00%
1001 0101	0	1 01	1	14 l	14 0 0.00%
1001 0101	0	l 10	1	14 l	13 1 7.14%
1001 0101	0	I 11	I	14 l	13 1 7.14%
1001 0101	1	1 00	I	15 l	15 0 0.00%
1001 0101	1	1 01	-	15 l	15 0 0.00%
1001 0101	1	l 10	-	15 l	13 2 13.33%
1001 0101	1	l 11		15 I	13 2 13.33%
1001 0110	0	1 00		15 I	15 0 0.00%
1001 0110	0	1 01	I	15 l	15 0 0.00%
1001 0110	0	1 10	I	15 I	15 0 0.00%
1001 0110	0	l 11	I	15 l	15 0 0.00%
1001 0110	1	1 00	I	16 l	16 0 0.00%
1001 0110	1	01	I	16 l	12 4 25.00%
1001 0110	1	l 10	I	16 l	15 1 6.25%
1001 0110	1	l 11	I	16 l	15 1 6.25%
1001 0111	0	1 00	I	16 l	16 0 0.00%
1001 0111	0	01	I	16 l	12 4 25.00%
1001 0111	0	l 10	I	16 l	15 1 6.25%
1001 0111	0	l 11	I	16 l	15 1 6.25%
1001 0111	1	1 00	I	17 l	17 0 0.00%
1001 0111	1	01	I	17 l	13 4 23.53%
1001 0111	1	10	I	17 I	15 2 11.76%
1001 0111	1	l 11	I	17 l	15 2 11.76%
1001 1000	0	1 00	I	17 I	17 0 0.00%
1001 1000	0	01	I	17 l	1 16 94.12%
1001 1000	0	10	I	17 I	17 0 0.00%
1001 1000	0	l 11	I	17 I	17 0 0.00%
1001 1000	1	1 00	I	18 l	18 0 0.00%
1001 1000	1	01	I	18 l	2 16 88.89%
1001 1000	1	10	I	18 I	17 1 5.56%
1001 1000	1	l 11	I	18 I	17 1 5.56%
1001 1001	0	1 00	ı	18 l	18 0 0.00%
1001 1001	0	1 01	ı	18 l	2 16 88.89%
1001 1001	0	1 10	ı	18 l	17 1 5.56%
1001 1001	0	l 11	ı	18 l	17 1 5.56%
1001 1001	1	1 00	ı	19 l	19 0 0.00%
1001 1001	1	01		19 l	3 16 84.21%
1001 1001	1	1 10	1	19 l	17 2 10.53%
1001 1001	1	1 11	ŀ	19	17 2 10.53%
1001 1010	0	1 00	·	19	19 0 0.00%
1001 1010	0	01	ŀ	19 l	3 16 84.21%
1001 1010	0	1 10	İ	19	19 0 0.00%
1001 1010	,	. 10	•	'	2. 3. 3.0070

1001 1010		11 l	19	l	19	I	0 0.00%
1001 1010		00	20	l	20	I	0 0.00%
1001 1010	1	01 l	20		0	I	20 100.00%
1001 1010	1	10 l	20	I	19	I	1 5.00%
1001 1010	1	11 l	20	I	19	I	1 5.00%
1001 1011	0	00	20	I	20	I	0 0.00%
1001 1011	0	01 l	20	I	0	I	20 100.00%
1001 1011	0	10 l	20	I	19	I	1 5.00%
1001 1011	0	11 l	20	1	19	I	1 5.00%
1001 1011	1	00	21	1	21	I	0 0.00%
1001 1011	1 l	01 l	21	I	1	1	20 95.24%
1001 1011	1 l	10 l	21	1	19	I	2 9.52%
1001 1011	1	11 l	21	1	19	I	2 9.52%
1001 1100	0	00 I	21	I	21	I	0 0.00%
1001 1100	0 1	01 l	21	I	5	I	16 76.19%
1001 1100	0 1	10 l	21	I	21	I	0 0.00%
1001 1100	0	11 l	21	I	21	I	0 0.00%
1001 1100	1 l	00	22	I	22	I	0 0.00%
1001 1100	1 l	01 l	22	I	6	I	16 72.73%
1001 1100	1 l	10 I	22	I	21	I	1 4.55%
1001 1100	1 I	11 I	22	I	21	I	1 4.55%
1001 1101	0 1	00	22	Ι	22	I	0 0.00%
1001 1101	0 1	01 I	22	Ι	6	Ι	16 72.73%
1001 1101	0 1	10 I	22	Ι	21	ı	1 4.55%
1001 1101	0 1	11 I	22	I	21	ı	1 4.55%
1001 1101	1	00	23	ı	23	ı	0 0.00%
1001 1101	1 l	01 l	23	I	7	ı	16 69.57%
1001 1101	1 I	10 I	23	I	21	ı	2 8.70%
1001 1101	1	11	23	Ī	21	ı	2 8.70%
1001 1110		00	23	İ	23	i	0 0.00%
1001 1110		01	23	Ī	7	Ī	16 69.57%
1001 1110		10 I	23	İ	23	Ī	0 0.00%
1001 1110	0 1	11	23	i	23	i	0 0.00%
1001 1110		00	24	·	24	i	0 0.00%
1001 1110		01	24	·	4	ï	20 83.33%
1001 1110	1	10	24	i	23	i	1 4.17%
1001 1110		11	24	i I	23	i	1 4.17%
1001 1111		00	24	i I	24	i	0 0.00%
1001 1111		01	24	i I	4	ı	20 83.33%
1001 1111	0 1	10	24	ŀ	23	ï	1 4.17%
1001 1111		10 1	24	! 	23	ı	1 4.17%
1001 1111		00	25	ı	25	ı	0 0.00%
1001 1111		00 I	25 25	1	5	' 	20 80.00%
1001 1111	1	10				' 	
			25 25		23		
1001 1111	1	11	25		23		2 8.00%
1010 0000	0	00	10	I	10	I	0 0.00%

1010 0000	0	l 01 l	10 l	10 l	0 0.00%
1010 0000	0	l 10 l	10 l	10 l	0 0.00%
1010 0000	0	11	10 l	10 l	0 0.00%
1010 0000	1	1 00 1	11 l	11 l	0 0.00%
1010 0000	1	l 01 l	11 l	11 l	0 0.00%
1010 0000	1	l 10 l	11 l	10 l	1 9.09%
1010 0000	1	11	11 l	10 l	1 9.09%
1010 0001	0	l 00 l	11 l	11 l	0 0.00%
1010 0001	0	l 01 l	11 l	11 l	0 0.00%
1010 0001	0	l 10 l	11 l	11 l	0 0.00%
1010 0001	0	l 11 l	11 l	11 l	0 0.00%
1010 0001	1	l 00 l	12 l	12 I	0 0.00%
1010 0001	1	l 01 l	12 I	8 I	4 33.33%
1010 0001	1	l 10 l	12 I	11 l	1 8.33%
1010 0001	1	l 11 l	12 I	11 l	1 8.33%
1010 0010	0	1 00 1	12 I	12 I	0 0.00%
1010 0010	0	l 01 l	12 I	8 I	4 33.33%
1010 0010	0	l 10 l	12 I	12 l	0 0.00%
1010 0010	0	11	12 I	12 I	0 0.00%
1010 0010	1	1 00 1	13 I	13 I	0 0.00%
1010 0010	1	l 01 l	13 I	9	4 30.77%
1010 0010	1	l 10 l	13 I	12 I	1 7.69%
1010 0010	1	l 11 l	13 I	12 I	1 7.69%
1010 0011	0	1 00 1	13 I	13 I	0 0.00%
1010 0011	0	l 01 l	13 I	9	4 30.77%
1010 0011	0	10	13 I	13 I	0 0.00%
1010 0011	0	11	13 I	13 I	0 0.00%
1010 0011	1	1 00 1	14 l	14 l	0 0.00%
1010 0011	1	l 01 l	14 l	10 l	4 28.57%
1010 0011		10	14 l	13 I	1 7.14%
1010 0011		11	14 I	13	1 7.14%
1010 0100		1 00 1	14 I	14	0 0.00%
1010 0100		01	14 I	14	01 0.00%
1010 0100		l 10 l	14 I	14	0 0.00%
1010 0100		11	14 I	14	01 0.00%
1010 0100		00	15 I	15	0 0.00%
1010 0100		00 01	15 I	15	01 0.00%
1010 0100		10 10	15 I	14	1 6.67%
1010 0100		10 11	15 I	14	1 6.67%
1010 0100		11 00	15 I	15	0 0.00%
1010 0101		00 01	15 I	15 I	01 0.00%
1010 0101		01 10	15 I	15 I	01 0.00%
1010 0101		10 11	15 I	15 I	01 0.00%
1010 0101			15 I 16 I		
	_				0 0.00%
1010 0101		01	16	12	4 25.00%
1010 0101	1	10	16 I	15 I	1 6.25%

1010 0101	1 11	16 l	15 1 6.25%
1010 0110	0 00	16 l	16 0 0.00%
1010 0110	0 01	16 l	12 4 25.00%
1010 0110	0 10	16 l	16 0 0.00%
1010 0110	0 11	16 l	8 8 50.00%
1010 0110	1 00	17 l	17 0 0.00%
1010 0110	1 01	17 l	13 4 23.53%
1010 0110	1 10	17 l	16 1 5.88%
1010 0110	1 11	17 l	8 9 52.94%
1010 0111	0 00	17 l	17 0 0.00%
1010 0111	0 01	17 l	13 4 23.53%
1010 0111	0 10	17 l	17 0 0.00%
1010 0111	0 11	17 l	9 8 47.06%
1010 0111	1 00	18 l	18 0 0.00%
1010 0111	1 01	18 l	14 4 22.22%
1010 0111	1 10	18 l	17 1 5.56%
1010 0111	1 11	18 l	9 9 50.00%
1010 1000	0 00	18 l	18 0 0.00%
1010 1000	0 01	18 l	2 16 88.89%
1010 1000	0 10	18 l	18 0 0.00%
1010 1000	0 11	18 l	18 0 0.00%
1010 1000	1 00	19 l	19 0 0.00%
1010 1000	1 01	19 l	3 16 84.21%
1010 1000	1 10	19 l	18 1 5.26%
1010 1000	1 11	19 l	18 1 5.26%
1010 1001	0 00	19 l	19 0 0.00%
1010 1001	0 01	19 l	3 16 84.21%
1010 1001	0 10	19 l	19 0 0.00%
1010 1001	0 11	19 l	19 0 0.00%
1010 1001	1 00	20	20 0 0.00%
1010 1001	1 01	20	0 20 100.00%
1010 1001	1 10	20	19 1 5.00%
1010 1001	1 11	20	19 1 5.00%
1010 1010	0 00	20	20 0 0.00%
1010 1010	0 01	20	0 20 100.00%
1010 1010	0 10	20 I	20 0 0.00%
1010 1010	0 11	20 I	20 0 0.00%
1010 1010	1 00	21 I	21 0 0.00%
1010 1010	1 01	21	1 20 95.24%
1010 1010	1 10	21	20 1 4.76%
1010 1010	1 11	21	20 1 4.76%
1010 1011	0 00	21	21 0 0.00%
1010 1011	0 01	21	1 20 95.24%
1010 1011	0 10	21	21 0 0.00%
1010 1011	0 11	21	21 0 0.00%
1010 1011	1 00	22	22 0 0.00%
1010 1011	1 / 00 /	'	

1010 1011	1	01	I	22	I	2 20 90.91%
1010 1011	1	1 10	I	22	I	21 1 4.55%
1010 1011	1	l 11	I	22	I	21 1 4.55%
1010 1100	0	1 00	I	22	I	22 0 0.00%
1010 1100	0	l 01	I	22		6 16 72.73%
1010 1100	0	l 10	I	22		22 0 0.00%
1010 1100	0	l 11	I	22	I	22 0 0.00%
1010 1100	1	1 00	I	23	I	23 0 0.00%
1010 1100	1	01	I	23	-	7 16 69.57%
1010 1100	1	l 10	I	23		22 1 4.35%
1010 1100	1	l 11	I	23	-	22 1 4.35%
1010 1101	0	1 00	I	23	-	23 0 0.00%
1010 1101	0	l 01	I	23	1	7 16 69.57%
1010 1101	0	l 10	I	23	1	23 0 0.00%
1010 1101	0	l 11	1	23	1	23 0 0.00%
1010 1101	1	1 00	1	24	1	24 0 0.00%
1010 1101	1	01	I	24	1	4 20 83.33%
1010 1101	1	l 10	1	24	1	23 1 4.17%
1010 1101	1	l 11	I	24	1	23 1 4.17%
1010 1110	0	1 00	I	24	1	24 0 0.00%
1010 1110	0	01	I	24	1	4 20 83.33%
1010 1110	0	l 10	I	24	1	24 0 0.00%
1010 1110	0	l 11	I	24	1	16 8 33.33%
1010 1110	1	1 00	I	25	1	25 0 0.00%
1010 1110	1	01	I	25	1	5 20 80.00%
1010 1110	1	l 10	I	25	1	24 1 4.00%
1010 1110	1	l 11	I	25	1	16 9 36.00%
1010 1111	0	1 00	I	25	I	25 0 0.00%
1010 1111	0	01	I	25	1	5 20 80.00%
1010 1111	0	l 10	I	25	I	25 0 0.00%
1010 1111	0	l 11	I	25	I	17 8 32.00%
1010 1111	1	1 00	I	26	1	26 0 0.00%
1010 1111	1	l 01	I	26	1	6 20 76.92%
1010 1111	1	l 10	I	26	1	25 1 3.85%
1010 1111	1	l 11	I	26	1	17 9 34.62%
1011 0000	0	1 00	I	11	1	11 0 0.00%
1011 0000	0	l 01	I	11	1	11 0 0.00%
1011 0000	0	l 10	I	11	I	11 0 0.00%
1011 0000	0	l 11	I	11	I	11 0 0.00%
1011 0000	1	1 00	I	12	I	12 0 0.00%
1011 0000	1	l 01	I	12	I	8 4 33.33%
1011 0000	1	l 10	l	12	I	11 1 8.33%
1011 0000	1	l 11	I	12	I	11 1 8.33%
1011 0001	0		Ī	12	Ī	12 0 0.00%
1011 0001	0		İ	12	İ	8 4 33.33%
1011 0001	0		· 	12	Ī	11 1 8.33%
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1011 0001	0	11		12 l	11 1 8.33%
1011 0001	1	1 00	I	13 l	13 0 0.00%
1011 0001	1	l 01	I	13 l	9 4 30.77%
1011 0001	1	l 10	I	13 l	11 2 15.38%
1011 0001	1	11	I	13 l	11 2 15.38%
1011 0010	0	1 00	I	13 l	13 0 0.00%
1011 0010	0	01	I	13 l	9 4 30.77%
1011 0010	0	10	I	13 l	13 0 0.00%
1011 0010	0	l 11	I	13	13 0 0.00%
1011 0010	1	1 00	I	14 l	14 0 0.00%
1011 0010	1	1 01		14 l	10 4 28.57%
1011 0010	1	l 10	I	14 l	13 1 7.14%
1011 0010	1	l 11	I	14 l	13 1 7.14%
1011 0011	0	1 00	I	14 l	14 0 0.00%
1011 0011	0	1 01	I	14 l	10 4 28.57%
1011 0011	0	l 10	I	14 l	13 1 7.14%
1011 0011	0	l 11	I	14 l	13 1 7.14%
1011 0011	1	1 00	I	15 l	15 0 0.00%
1011 0011	1	1 01	1	15 I	11 4 26.67%
1011 0011	1	l 10	1	15 I	13 2 13.33%
1011 0011	1	l 11	I	15 l	13 2 13.33%
1011 0100	0	1 00	I	15 l	15 0 0.00%
1011 0100	0	1 01	1	15 I	15 0 0.00%
1011 0100	0	l 10	I	15 l	15 0 0.00%
1011 0100	0	l 11	I	15 l	15 0 0.00%
1011 0100	1	1 00	I	16 l	16 0 0.00%
1011 0100	1	1 01	I	16 l	12 4 25.00%
1011 0100	1	l 10	I	16 l	15 1 6.25%
1011 0100	1	l 11	I	16 l	15 1 6.25%
1011 0101	0	1 00	1	16 l	16 0 0.00%
1011 0101	0	1 01	I	16 l	12 4 25.00%
1011 0101	0	l 10	I	16 l	15 1 6.25%
1011 0101	0	l 11	I	16 l	15 1 6.25%
1011 0101	1	1 00	I	17 l	17 0 0.00%
1011 0101	1	1 01	I	17 l	13 4 23.53%
1011 0101	1	l 10	I	17 l	15 2 11.76%
1011 0101	1	l 11	I	17 l	15 2 11.76%
1011 0110	0	1 00	I	17 l	17 0 0.00%
1011 0110	0	1 01	I	17 l	13 4 23.53%
1011 0110	0	l 10	1	17 l	17 0 0.00%
1011 0110	0	l 11		17 I	9 8 47.06%
1011 0110	1	1 00	I	18 l	18 0 0.00%
1011 0110	1	I 01		18 I	14 4 22.22%
1011 0110	1	l 10		18 I	17 1 5.56%
1011 0110	1	l 11		18 I	9 9 50.00%
1011 0111	0	1 00		18 l	18 0 0.00%

```
1011 0111 0 | 01 |
                     18
                                    4 | 22.22%
                        14 I
1011 0111 0 | 10 |
                             17 I
                                    1 | 5.56%
                     18
                        9 | 50.00%
1011 0111 0 | 11 |
                     18
                        9 |
                                   01 0.00%
1011 0111 1 | 00 |
                     19
                        19 l
                                    4 | 21.05%
1011 0111 1 | 01 |
                     19
                        - 1
                             15 I
1011 0111 1 | 10 |
                                    2 | 10.53%
                     19
                        - |
                             17 I
1011 0111 1 | 11 |
                     19
                        9 |
                                  10 | 52.63%
1011 1000 0 | 00 |
                     19
                        19
                                01 0.00%
1011 1000 0 | 01 |
                     19
                             3 |
                                  16 | 84.21%
                        - 1
1011 1000 0 | 10 |
                     19
                        19 l
                                   01 0.00%
1011 1000 0 | 11 |
                     19
                        19 l
                                    01 0.00%
1011 1000 1 | 00 |
                                   01 0.00%
                     20
                        20 |
1011 1000 1 | 01 |
                     20
                             0 |
                                  20 | 100.00%
                        - 1
1011 1000 1 | 10 |
                             19 l
                                    1 | 5.00%
                     20
                        - |
1011 1000 1 | 11 |
                     20
                        19 l
                                    1 | 5.00%
1011 1001 0 | 00 |
                     20
                        20 |
                                   01 0.00%
1011 1001 0 | 01 |
                     20
                        - 1
                             0 | 20 | 100.00%
1011 1001 0 | 10 |
                             19 l
                                    1 | 5.00%
                     20
                        - |
                                    1 | 5.00%
1011 1001 0 | 11 |
                     20
                        19 l
1011 1001 1 | 00 |
                     21
                        21
                                   01 0.00%
1011 1001 1 | 01 |
                     21
                        1
                             1 | 20 | 95.24%
1011 1001 1 | 10 |
                        -
                                - [
                                    21 9.52%
                     21
                             19
1011 1001 1 | 11 |
                            19 l
                                    21 9.52%
                     21
                        - 1
1011 1010 0 | 00 |
                     21
                        21
                                01 0.00%
1011 1010 0 | 01 |
                                  20 | 95.24%
                     21
                        -
                             1 |
1011 1010 0 | 10 |
                        -
                            21
                                01 0.00%
                     21
1011 1010 0 | 11 |
                            21 I
                                    01 0.00%
                     21
                        -
1011 1010 1 | 00 |
                     22
                        -
                            22 I
                                   01 0.00%
1011 1010 1 | 01 |
                     22
                        2 |
                                  20 | 90.91%
1011 1010 1 | 10 |
                     22
                        - 1
                            21
                                    1 | 4.55%
1011 1010 1 | 11 |
                     22
                        21 I
                                    1 | 4.55%
1011 1011 0 | 00 |
                            22 I
                     22
                        01 0.00%
1011 1011 0 | 01 |
                             2 |
                     22
                        20 | 90.91%
1011 1011 0 | 10 |
                                    1 | 4.55%
                     22
                            21
                                1011 1011 0 | 11 |
                            21 I
                                    1 | 4.55%
                     22
                        - 1
1011 1011 1 | 00 |
                     23
                        23
                                01 0.00%
1011 1011 1 | 01 |
                     23
                        3 |
                                  20 | 86.96%
1011 1011 1 | 10 |
                                    2 | 8.70%
                     23
                        - 1
                            21
                                - [
1011 1011 1 | 11 |
                                    21 8.70%
                     23
                        - 1
                            21 I
1011 1100 0 | 00 |
                     23
                        23
                                01 0.00%
                                  16 | 69.57%
1011 1100 0 | 01 |
                     23
                             7 I
                        -
1011 1100 0 | 10 |
                            23 |
                                   01 0.00%
                     23
                        - 1
1011 1100 0 | 11 |
                            23 |
                                    01 0.00%
                     23
                        - 1
1011 1100 1 | 00 |
                     24
                        24 I
                                    01 0.00%
1011 1100 1 | 01 |
                     24
                        4
                               20 | 83.33%
1011 1100 1 | 10 |
                     24
                        23
                                    1 | 4.17%
```

1011 1100	_	11	24	23 1 4.17%
1011 1101		1 00 1	24 I	24 0 0.00%
1011 1101		l 01 l	24 I	4 20 83.33%
1011 1101	0	l 10 l	24 I	23 1 4.17%
1011 1101	0	11	24 I	23 1 4.17%
1011 1101	1	1 00 1	25 I	25 0 0.00%
1011 1101	1	l 01 l	25 I	5 20 80.00%
1011 1101	1	l 10 l	25 I	23 2 8.00%
1011 1101	1	l 11 l	25 I	23 2 8.00%
1011 1110	0	1 00 1	25 I	25 0 0.00%
1011 1110	0	l 01 l	25 I	5 20 80.00%
1011 1110	0	l 10 l	25 I	25 0 0.00%
1011 1110	0	l 11 l	25 I	17 8 32.00%
1011 1110	1	1 00 1	26 I	26 0 0.00%
1011 1110	1	l 01 l	26 I	6 20 76.92%
1011 1110	1	l 10 l	26 I	25 1 3.85%
1011 1110	1	l 11 l	26 I	17 9 34.62%
1011 1111	0	1 00 1	26 I	26 0 0.00%
1011 1111	0	l 01 l	26 I	6 20 76.92%
1011 1111	0	l 10 l	26 I	25 1 3.85%
1011 1111	0	l 11 l	26 I	17 9 34.62%
1011 1111	1	1 00 1	27 I	27 0 0.00%
1011 1111	1	l 01 l	27 I	7 20 74.07%
1011 1111	1	l 10 l	27 I	25 2 7.41%
1011 1111	1	l 11 l	27 I	17 10 37.04%
1100 0000	0	1 00 1	12 I	12 0 0.00%
1100 0000	0	l 01 l	12 I	12 0 0.00%
1100 0000	0	l 10 l	12 I	12 0 0.00%
1100 0000	0	l 11 l	12 I	12 0 0.00%
1100 0000	1	1 00 1	13 I	13 0 0.00%
1100 0000	1	l 01 l	13 I	13 0 0.00%
1100 0000	1	l 10 l	13 l	12 1 7.69%
1100 0000		l 11 l	13 l	12 1 7.69%
1100 0001		1 00 1	13 I	13 0 0.00%
1100 0001		01	13 I	13 0 0.00%
1100 0001		10	13	13 0 0.00%
1100 0001		11	13	13 0 0.00%
1100 0001		1 00 1	14 I	14 0 0.00%
1100 0001	_	01	14 I	14 0 0.00%
1100 0001		10	14 I	13 1 7.14%
1100 0001		11	14 I	13 1 7.14%
1100 0001		1 00 1	14 I	14 0 0.00%
1100 0010		1 00 1	14 I	14 0 0.00%
1100 0010		10	14 I	14 0 0.00%
1100 0010		110 1	14 I	14 0 0.00%
		00		
1100 0010	1	I UU I	15 l	15 0 0.00%

1100 0010	1	01	I	15		15	I	0 0.00%
1100 0010	1	10	I	15	l	14	I	1 6.67%
1100 0010	1	11	I	15		14	I	1 6.67%
1100 0011	0	1 00	I	15		15	I	0 0.00%
1100 0011	0	01	I	15		15	I	0 0.00%
1100 0011	0	1 10	I	15		15	I	0 0.00%
1100 0011	0	11	I	15		15	I	0 0.00%
1100 0011	1	1 00	I	16		16	I	0 0.00%
1100 0011	1	1 01	I	16		12	I	4 25.00%
1100 0011	1	l 10	I	16		15	I	1 6.25%
1100 0011	1	l 11	I	16		15	I	1 6.25%
1100 0100	0	1 00	Ι	16		16	I	0 0.00%
1100 0100	0	1 01	I	16		8	I	8 50.00%
1100 0100	0	l 10	I	16		16		0 0.00%
1100 0100	0	l 11	Ι	16		16	I	0 0.00%
1100 0100	1	1 00	I	17	1	17		0 0.00%
1100 0100	1	1 01	1	17		9	I	8 47.06%
1100 0100	1	l 10	1	17		16	I	1 5.88%
1100 0100	1	l 11	1	17	1	16	I	1 5.88%
1100 0101	0	1 00	1	17	1	17	I	0 0.00%
1100 0101	0	01	I	17		9	I	8 47.06%
1100 0101	0	l 10	I	17		17	I	0 0.00%
1100 0101	0	l 11	I	17		17	I	0 0.00%
1100 0101	1	1 00	I	18		18	I	0 0.00%
1100 0101	1	01	I	18		10	I	8 44.44%
1100 0101	1	10	Ι	18	1	17	I	1 5.56%
1100 0101	1	l 11	Ι	18	1	17	I	1 5.56%
1100 0110	0	1 00	ı	18	I	18	ı	0 0.00%
1100 0110	0	01	ı	18	I	10	ı	8 44.44%
1100 0110	0	10	ı	18	I	18	ı	0 0.00%
1100 0110	0	11	ı	18	I	18	ı	0 0.00%
1100 0110	1	1 00	ı	19	ı	19	ı	0 0.00%
1100 0110	1	01	İ	19	Ī	11	i	8 42.11%
1100 0110	1	1 10	İ	19	İ	18	i	1 5.26%
1100 0110	1	11	İ	19	Ī	18	i	1 5.26%
1100 0111	0	1 00	İ	19	İ	19	i	0 0.00%
1100 0111	0	01	i	19	i	11	i	8 42.11%
1100 0111	0	1 10	i	19	i	19	i	0 0.00%
1100 0111	0	1 11	i	19	i	19	i	01 0.00%
1100 0111	1	1 00	i	20	i	20	i	01 0.00%
1100 0111	1	1 01	ŀ	20	İ	8	' 	12 60.00%
1100 0111	1	1 10	i I	20	İ	19	i I	1 5.00%
1100 0111	1	1 10	ı I	20	' 	19	ı	1 5.00%
1100 0111	0	1 00	ı I	20	' 	20	i	0 0.00%
1100 1000	0	1 00	ı I	20		4		16 80.00%
		1 10		20			ı	0 0.00%
1100 1000	0	1 10	I	20	I	20	ı	U 1 U.UU%

1100 1000	0 11	20	20 0 0.00%
1100 1000	1 00	21 I	21 0 0.00%
1100 1000	1 01	21	5 16 76.19%
1100 1000	1 10	21 I	20 1 4.76%
1100 1000	1 11	21 I	20 1 4.76%
1100 1001	0 00	21 I	21 0 0.00%
1100 1001	0 01	21 I	5 16 76.19%
1100 1001	0 10	21 I	21 0 0.00%
1100 1001	0 11	21 l	21 0 0.00%
1100 1001	1 00	22 I	22 0 0.00%
1100 1001	1 01	22 I	6 16 72.73%
1100 1001	1 10	22 I	21 1 4.55%
1100 1001	1 11	22 I	21 1 4.55%
1100 1010	0 00	22 I	22 0 0.00%
1100 1010	0 01	22 I	6 16 72.73%
1100 1010	0 10	22 I	22 0 0.00%
1100 1010	0 11	22 I	22 0 0.00%
1100 1010	1 00	23 I	23 0 0.00%
1100 1010	1 01	23	7 16 69.57%
1100 1010	1 10	23	22 1 4.35%
1100 1010	1 11	23	22 1 4.35%
1100 1011	0 00	23	23 0 0.00%
1100 1011	0 01	23	7 16 69.57%
1100 1011	0 10	23	23 0 0.00%
1100 1011	0 11	23	23 0 0.00%
1100 1011	1 00	24 I	24 0 0.00%
1100 1011	1 01	24 I	4 20 83.33%
1100 1011	1 10	24 I	23 1 4.17%
1100 1011	1 11	24 I	23 1 4.17%
1100 1100	0 00	24 I	24 0 0.00%
1100 1100	0 01	24 I	0 24 100.00%
1100 1100	0 10	24 I	24 0 0.00%
1100 1100	0 11	24 I	24 0 0.00%
1100 1100	1 00	25	25 0 0.00%
1100 1100	1 01	25	1 24 96.00%
1100 1100	1 10	25	24 1 4.00%
1100 1100	1 11	25	24 1 4.00%
1100 1101	0 00	25	25 0 0.00%
1100 1101	0 01	25	1 24 96.00%
1100 1101	0 10	25 I	25 0 0.00%
1100 1101	0 10	25 I	25 0 0.00%
1100 1101	1 00	26 I	26 0 0.00%
1100 1101	1 00	26 I	2 24 92.31%
1100 1101	1 101	26 I	25 1 3.85%
1100 1101		26 I	
1100 1110	0 00	26 I	26 0 0.00%

1100 1110	0 01	26 I	2 24 92.31%
1100 1110	0 10	26 I	26 0 0.00%
1100 1110	0 11	26 l	26 0 0.00%
1100 1110	1 00	27 I	27 0 0.00%
1100 1110	1 01	27 I	3 24 88.89%
1100 1110	1 10	27 I	26 1 3.70%
1100 1110	1 11	27 I	26 1 3.70%
1100 1111	0 00	27 I	27 0 0.00%
1100 1111	0 01	27 I	3 24 88.89%
1100 1111	0 10	27 I	27 0 0.00%
1100 1111	0 11	27 I	27 0 0.00%
1100 1111	1 00	28 I	28 0 0.00%
1100 1111	1 01	28 I	0 28 100.00%
1100 1111	1 10	28 I	27 1 3.57%
1100 1111	1 11	28 I	27 1 3.57%
1101 0000	0 00	13 I	13 0 0.00%
1101 0000	0 01	13	13 0 0.00%
1101 0000	0 10	13	13 0 0.00%
1101 0000	0 11	13	13 0 0.00%
1101 0000	1 00	14	14 0 0.00%
1101 0000	1 01	14 I	14 0 0.00%
1101 0000	1 10	14 I	13 1 7.14%
1101 0000	1 11	14	13 1 7.14%
1101 0000	0 00	14 14	14 0 0.00%
1101 0001	0 00	1 4	14 0 0.00%
1101 0001	0 10	1 4	13 1 7.14%
1101 0001	0 10	1 4 1	13 1 7.14%
1101 0001	1 00		
1101 0001	1 01	15	15 0 0.00%
1101 0001	1 10	15 I	13 2 13.33%
1101 0001	1 11	15 I	13 2 13.33%
1101 0010	0 00	15 I	15 0 0.00%
1101 0010	0 01	15	15 0 0.00%
1101 0010	0 10	15	15 0 0.00%
1101 0010	0 11	15 I	15 0 0.00%
1101 0010	1 00	16	16 0 0.00%
1101 0010	1 01	16 l	12 4 25.00%
1101 0010	1 10	16 l	15 1 6.25%
1101 0010	1 11	16 l	15 1 6.25%
1101 0011	0 00	16 l	16 0 0.00%
1101 0011	0 01	16 l	12 4 25.00%
1101 0011	0 10	16 l	15 1 6.25%
1101 0011	0 11	16 l	15 1 6.25%
1101 0011	1 00	17 I	17 0 0.00%
1101 0011	1 01	17 I	13 4 23.53%
1101 0011	1 10	17 l	15 2 11.76%

1101 0011	1	l 11	I	17	I	15	I	21	11.76%
1101 0100	0	1 00	I	17	I	17	I	01	
1101 0100	0	l 01	I	17	I	9	I	8 I	47.06%
1101 0100	0	l 10	I	17	I	17	I	01	
1101 0100	0	l 11	I	17	I	17	I	01	0.00%
1101 0100	1	1 00	l	18	I	18	I	01	0.00%
1101 0100	1	01	I	18	I	10	I	81	44.44%
1101 0100	1	10	I	18	I	17	I	1 l	5.56%
1101 0100	1	l 11	I	18	I	17	I	11	5.56%
1101 0101	0	1 00	I	18	I	18	I	01	0.00%
1101 0101	0	1 01	I	18	1	10		8 I	44.44%
1101 0101	0	l 10	1	18	I	17	I	1 l	5.56%
1101 0101	0	l 11	1	18	I	17	-	1 l	5.56%
1101 0101	1	1 00	1	19	I	19	-	01	0.00%
1101 0101	1	1 01	I	19	1	11	1	8 I	42.11%
1101 0101	1	l 10	I	19	1	17	1	21	10.53%
1101 0101	1	l 11	1	19	1	17	I	21	10.53%
1101 0110	0	1 00	1	19	1	19	I	01	0.00%
1101 0110	0	1 01	1	19	1	11	I	8 I	42.11%
1101 0110	0	l 10	1	19	1	19	-	01	0.00%
1101 0110	0	l 11	1	19	1	19	-	01	0.00%
1101 0110	1	1 00	1	20	1	20	-	01	0.00%
1101 0110	1	1 01	1	20	1	8	1	12 l	60.00%
1101 0110	1	1 10	I	20	I	19	1	1 l	5.00%
1101 0110	1	l 11	I	20	I	19	1	1 l	5.00%
1101 0111	0	1 00	I	20	I	20	1	01	0.00%
1101 0111	0	1 01	I	20	I	8	1	12 I	60.00%
1101 0111	0	l 10	I	20	1	19	I	11	5.00%
1101 0111	0	l 11	I	20	1	19	1	1 l	5.00%
1101 0111	1	1 00	I	21	1	21	I	01	0.00%
1101 0111	1	1 01	I	21	1	9	I	12 I	57.14%
1101 0111	1	l 10	1	21	1	19	1	21	9.52%
1101 0111	1	l 11	I	21	1	19	I	21	9.52%
1101 1000	0	1 00	I	21	1	21	I	01	0.00%
1101 1000	0	1 01	I	21	I	5	1	16 l	76.19%
1101 1000	0	l 10	I	21	1	21	I	01	0.00%
1101 1000	0	l 11	I	21	1	21	I	01	0.00%
1101 1000	1	1 00	I	22	1	22	I	01	0.00%
1101 1000	1	1 01	I	22	1	6	I	16 l	72.73%
1101 1000	1	l 10	1	22	1	21	1	1 l	4.55%
1101 1000	1	l 11	I	22	I	21	I	1 l	4.55%
1101 1001	0	1 00	I	22	I	22	I	01	0.00%
1101 1001	0	1 01	I	22	I	6	I	16 l	72.73%
1101 1001	0	l 10	I	22	I	21	I	1 l	4.55%
1101 1001	0	l 11	I	22	I	21	I	1 l	4.55%
1101 1001	1	1 00	I	23	I	23	I	01	0.00%

1101 1001	1	l 01	23	I	7 16 69.57%
1101 1001	1	10	23	I	21 2 8.70%
1101 1001	1	11	23	I	21 2 8.70%
1101 1010	0	00	23	I	23 0 0.00%
1101 1010	0	l 01	23	I	7 16 69.57%
1101 1010	0	l 10 l	23	I	23 0 0.00%
1101 1010	0	11	23	I	23 0 0.00%
1101 1010	1	1 00 1	24	I	24 0 0.00%
1101 1010	1	l 01	24	1	4 20 83.33%
1101 1010	1	1 10	24	1	23 1 4.17%
1101 1010	1	l 11 l	24	I	23 1 4.17%
1101 1011	0	1 00 1	24	1	24 0 0.00%
1101 1011	0	l 01 l	24	I	4 20 83.33%
1101 1011	0	10	24	1	23 1 4.17%
1101 1011	0	l 11 l	24	l	23 1 4.17%
1101 1011	1	1 00 1	25	l	25 0 0.00%
1101 1011	1	l 01	25	1	5 20 80.00%
1101 1011	1	1 10	25	1	23 2 8.00%
1101 1011	1	11	25	I	23 2 8.00%
1101 1100	0	1 00 1	25	I	25 0 0.00%
1101 1100	0	01	25	I	1 24 96.00%
1101 1100	0	1 10	25	I	25 0 0.00%
1101 1100	0	11	25	I	25 0 0.00%
1101 1100	1	1 00 1	26	I	26 0 0.00%
1101 1100	1	01	26	I	2 24 92.31%
1101 1100	1	1 10	26	I	25 1 3.85%
1101 1100	1	l 11 l	26	I	25 1 3.85%
1101 1101	0	1 00 1	26	I	26 0 0.00%
1101 1101	0	01	26	I	2 24 92.31%
1101 1101	0	1 10	26	I	25 1 3.85%
1101 1101	0	l 11 l	26	I	25 1 3.85%
1101 1101	1	1 00 1	27	Ι	27 0 0.00%
1101 1101	1	l 01	27	I	3 24 88.89%
1101 1101	1	1 10 1	27	Ι	25 2 7.41%
1101 1101	1	11	27	Ι	25 2 7.41%
1101 1110	0	1 00 1	27	ı	27 0 0.00%
1101 1110		l 01	27	ı	3 24 88.89%
1101 1110		10	27	ı	27 0 0.00%
1101 1110		11	27	Ī	27 0 0.00%
1101 1110		1 00 1	28	İ	28 0 0.00%
1101 1110		00 1	28	·	0 28 100.00%
1101 1110		1 10	28	·	27 1 3.57%
1101 1110		111	28	i	27 1 3.57%
1101 1110		1 00 1	28	·	28 0 0.00%
1101 1111		00 1	28	i I	0 28 100.00%
1101 1111		1 10 1	28	i I	27 1 3.57%
1101 1111	U	10 1	20	ı	21 1 11 J.J1/U

1101 1111	_	11	 -	28		27	 	1 3.57%
1101 1111		1 00	 -	29		29		0 0.00%
1101 1111		01	 -	29		1	Ι.	28 96.55%
1101 1111	_	10	 -	29		27	 	2 6.90%
1101 1111	_	11		29	1	27		2 6.90%
1110 0000		1 00	I	14	I	14	ı	0 0.00%
1110 0000		l 01	I	14	I	14	I	0 0.00%
1110 0000		l 10	I	14	I	14	I	0 0.00%
1110 0000	-	l 11	I	14	I	14	I	0 0.00%
1110 0000	1	1 00	l	15	I	15		0 0.00%
1110 0000	1	l 01	I	15	I	15	I	0 0.00%
1110 0000	1	l 10	I	15	I	14	I	1 6.67%
1110 0000	1	l 11		15	I	14		1 6.67%
1110 0001	0	00	I	15	I	15	I	0 0.00%
1110 0001	0	l 01	I	15	1	15	I	0 0.00%
1110 0001	0	l 10	1	15	I	15		0 0.00%
1110 0001	0	l 11	I	15	I	15	I	0 0.00%
1110 0001	1	00	I	16	1	16	I	0 0.00%
1110 0001	1	l 01	I	16	I	12	I	4 25.00%
1110 0001	1	l 10	I	16	I	15	I	1 6.25%
1110 0001	1	l 11	ı	16	I	15	ı	1 6.25%
1110 0010	0	1 00	ı	16	ı	16	ı	0 0.00%
1110 0010	0	l 01	ı	16	ı	12	ı	4 25.00%
1110 0010	0	l 10	ı	16	ı	16	ı	0 0.00%
1110 0010		11	Ī	16	i	8	ĺ	8 50.00%
1110 0010		1 00	Ī	17	i	17	Ī	0 0.00%
1110 0010		01	Ī	17	i	13	Ī	4 23.53%
1110 0010		1 10	İ	17	İ	16	ŀ	1 5.88%
1110 0010		11	i	17	i	8	i	9 52.94%
1110 0010		1 00	i	17	i	17		0 0.00%
1110 0011		01	i I	17	İ	13	i I	4 23.53%
1110 0011		1 10	' 	17	1	17	i I	0 0.00%
1110 0011		1 10	' 	17	1	9	' 	8 47.06%
1110 0011		1 00	! 	18	' 	18	' 	01 0.00%
1110 0011		1 00	 	18	1	14	ı I	4 22.22%
1110 0011		1 10	 	18	1	1 4 17	ı I	1 5.56%
1110 0011	_	10 11	-				-	
				18		9		9 50.00%
1110 0100		00		18		18		0 0.00%
1110 0100		01		18		10		8 44.44%
1110 0100		10		18		18		0 0.00%
1110 0100		11	 -	18		18	 	0 0.00%
1110 0100		00	1	19	1	19	 	0 0.00%
1110 0100		01	I	19	I	11	ı	8 42.11%
1110 0100		l 10	I	19	I	18	I	1 5.26%
1110 0100	_	l 11	I	19	I	18	I	1 5.26%
1110 0101	0	00	I	19	I	19	I	0 0.00%

1110 0101	0	l 01 l	19 l	11 8 42.11%
1110 0101	0	l 10 l	19 l	19 0 0.00%
1110 0101	0	l 11 l	19 l	19 0 0.00%
1110 0101	1	1 00 1	20 l	20 0 0.00%
1110 0101	1	l 01 l	20 l	8 12 60.00%
1110 0101	1	l 10 l	20 l	19 1 5.00%
1110 0101	1	l 11 l	20 l	19 1 5.00%
1110 0110	0	1 00 1	20 l	20 0 0.00%
1110 0110	0	l 01 l	20 I	8 12 60.00%
1110 0110	0	l 10 l	20 I	20 0 0.00%
1110 0110	0	l 11 l	20 l	20 0 0.00%
1110 0110	1	1 00 1	21 l	21 0 0.00%
1110 0110	1	l 01 l	21 l	9 12 57.14%
1110 0110	1	l 10 l	21 l	20 1 4.76%
1110 0110	1	l 11 l	21 l	20 1 4.76%
1110 0111		1 00 1	21 l	21 0 0.00%
1110 0111	0	l 01 l	21 l	9 12 57.14%
1110 0111	0	l 10 l	21 l	21 0 0.00%
1110 0111	0	11	21 l	21 0 0.00%
1110 0111	1	1 00 1	22 I	22 0 0.00%
1110 0111	1	l 01 l	22 I	10 12 54.55%
1110 0111	1	10	22 I	21 1 4.55%
1110 0111	1	11	22 I	21 1 4.55%
1110 1000	0	1 00 1	22 I	22 0 0.00%
1110 1000	0	l 01 l	22 I	6 16 72.73%
1110 1000	0	10	22 I	22 0 0.00%
1110 1000		11	22 I	22 0 0.00%
1110 1000		1 00 1	23	23 0 0.00%
1110 1000		01	23	7 16 69.57%
1110 1000		10	23	22 1 4.35%
1110 1000		11	23	22 1 4.35%
1110 1001		1 00 1	23	23 0 0.00%
1110 1001		01	23	7 16 69.57%
1110 1001		10	23	23 0 0.00%
1110 1001		11	23	23 0 0.00%
1110 1001		1 00 1	24	24 0 0.00%
1110 1001		01	24	4 20 83.33%
1110 1001		10	24	23 1 4.17%
1110 1001		11	24	23 1 4.17%
1110 1010		1 00 1	24	24 0 0.00%
1110 1010		01	24	4 20 83.33%
1110 1010		10	24	24 0 0.00%
1110 1010		11	24	16 8 33.33%
1110 1010		1 00 1	25	25 0 0.00%
1110 1010		1 00 1	25 I	5 20 80.00%
1110 1010		10	25 I	24 1 4.00%
1110 1010	1	1 10 I	<i>43</i> I	∠ ⊤

1110 1010	1	11		I		l	9 36.00%
1110 1011	0	1 00 1	25	I	25		01 0.00%
1110 1011	0	l 01 l	25	I	5 I		20 80.00%
1110 1011	0	l 10 l	25	I	25	l	01 0.00%
1110 1011	0	l 11 l	25	I	17		8 32.00%
1110 1011	1	1 00 1	26	1	26	I	01 0.00%
1110 1011	1	l 01 l	26	1	6 I		20 76.92%
1110 1011	1	l 10 l	26	1	25	l	1 3.85%
1110 1011	1	l 11 l	26	I	17		9 34.62%
1110 1100	0	1 00 1	26	I	26	l	01 0.00%
1110 1100	0	l 01 l	26	I	2		24 92.31%
1110 1100	0	l 10 l	26	I	26		01 0.00%
1110 1100	0	l 11 l	26	I	26	l	01 0.00%
1110 1100	1	1 00 1	27	I	27	l	0 0.00%
1110 1100	1	01		l	3		24 88.89%
1110 1100	1	10	27		26		1 3.70%
1110 1100	1	11	27	i	26		1 3.70%
1110 1101		1 00 1	27	I	27		0 0.00%
1110 1101		01		i	3		24 88.89%
1110 1101		10	27	ŀ	27		0 0.00%
1110 1101		10	27	i I	27		0 0.00%
1110 1101	1	1 00 1	28	ı	28		01 0.00%
1110 1101	1	1 01 1	28	ŀ	0 1		28 100.00%
1110 1101	1	10	28	ŀ	27		1 3.57%
1110 1101	1	10	28	ı	27		1 3.57%
1110 1110	_	1 00 1	28	ı	28		0 0.00%
1110 1110	0	00	28	ı	0 1		28 100.00%
1110 1110	_	10	28	ı I	28		0 0.00%
		10	28	ı	28		0 0.00%
		00		ı			
1110 1110			29		29 1		
	1		29				28 96.55%
1110 1110		10			28		1 3.45%
1110 1110	1	11	29		28		1 3.45%
1110 1111		00	29		29		0 0.00%
1110 1111		01	29		1		28 96.55%
1110 1111		10	29	1	29		0 0.00%
1110 1111		11	29	 -	29		0 0.00%
1110 1111	1	1 00 1	30	I	30		0 0.00%
1110 1111	1	l 01 l	30	I	2		28 93.33%
1110 1111	1	l 10 l	30	I	29	I	1 3.33%
1110 1111	1	l 11 l	30	I	29	l	1 3.33%
1111 0000	0	1 00 1	15	I	15	l	01 0.00%
1111 0000	0	l 01 l	15	I	15	I	01 0.00%
1111 0000	0	l 10 l	15	I	15	I	01 0.00%
1111 0000	0	l 11 l	15	I	15	l	01 0.00%
1111 0000	1	1 00 1	16	I	16	I	01 0.00%

1111 0000		01	I	16	I	12	I	4 25.00%
1111 0000		l 10	I	16	I	15	ı	1 6.25%
1111 0000	1	11	I	16	I	15		1 6.25%
1111 0001		1 00	I	16	I	16	ı	0 0.00%
1111 0001	0	l 01	I	16	l	12	l	4 25.00%
1111 0001	_	l 10	I	16	I	15	I	1 6.25%
1111 0001	0	l 11	I	16	I	15	I	1 6.25%
1111 0001	1	1 00	I	17	I	17	I	0 0.00%
1111 0001	1	01	I	17	I	13		4 23.53%
1111 0001	1	l 10	l	17	l	15	I	2 11.76%
1111 0001	_	l 11	I	17	I	15		2 11.76%
1111 0010	0	1 00	I	17	I	17		0 0.00%
1111 0010	0	l 01	I	17	I	13	I	4 23.53%
1111 0010		l 10	I	17	I	17	I	0 0.00%
1111 0010	0	l 11	I	17	I	9	I	8 47.06%
1111 0010	1	1 00	I	18	I	18	I	0 0.00%
1111 0010	1	01	I	18	I	14	I	4 22.22%
1111 0010	1	l 10	İ	18	İ	17		1 5.56%
1111 0010	1	l 11	I	18	I	9	I	9 50.00%
1111 0011	0	1 00	I	18	I	18	-	0 0.00%
1111 0011	0	l 01	I	18	l	14	I	4 22.22%
1111 0011	0	l 10	I	18	l	17	I	1 5.56%
1111 0011	0	l 11	I	18	l	9	I	9 50.00%
1111 0011	1	1 00	I	19	I	19	I	0 0.00%
1111 0011	1	l 01	I	19	I	15	I	4 21.05%
1111 0011	1	l 10	I	19	I	17	I	2 10.53%
1111 0011	1	l 11	I	19	I	9	I	10 52.63%
1111 0100	0	1 00	I	19	I	19	-	0 0.00%
1111 0100	0	l 01	I	19	1	11	I	8 42.11%
1111 0100	0	l 10	1	19	1	19	I	0 0.00%
1111 0100	0	l 11	I	19	1	19	I	0 0.00%
1111 0100	1	1 00	I	20	1	20	I	0 0.00%
1111 0100	1	l 01	I	20	I	8	l	12 60.00%
1111 0100	1	l 10	I	20	I	19		1 5.00%
1111 0100	1	l 11	I	20	I	19	-	1 5.00%
1111 0101	0	1 00	I	20	I	20	I	0 0.00%
1111 0101	0	l 01	I	20	I	8	I	12 60.00%
1111 0101	0	l 10	I	20	I	19	I	1 5.00%
1111 0101	0	l 11	I	20	I	19	I	1 5.00%
1111 0101	1	00	1	21	1	21	I	0 0.00%
1111 0101	1	l 01	I	21	I	9	I	12 57.14%
1111 0101	1	l 10	I	21	I	19	I	2 9.52%
1111 0101	1	l 11	I	21	I	19	I	2 9.52%
1111 0110	0	1 00	I	21	I	21	I	0 0.00%
1111 0110	0	l 01	I	21	I	9	I	12 57.14%
1111 0110	0	l 10	I	21	I	21	I	0 0.00%

```
1111 0110 0 | 11 |
                     21 I
                             21
                                    01 0.00%
1111 0110 1 | 00 |
                     22
                             22 I
                                    01 0.00%
                        - |
                                   12 | 54.55%
1111 0110 1 | 01 |
                     22
                        10 l
1111 0110 1 | 10 |
                     22
                        21 |
                                    1 | 4.55%
1111 0110 1 | 11 |
                     22
                        - 1
                             21
                                    1 | 4.55%
1111 0111 0 | 00 |
                     22
                             22 I
                                    01 0.00%
                        - |
1111 0111 0 | 01 |
                     22
                        10 l
                                   12 | 54.55%
1111 0111 0 | 10 |
                     22
                        21
                                    1 | 4.55%
1111 0111 0 | 11 |
                     22
                             21
                                    1 | 4.55%
                        1111 0111 1 | 00 |
                     23
                        - 1
                             23 |
                                    01 0.00%
1111 0111 1 | 01 |
                     23
                        11 l
                                   12 | 52.17%
                                    21 8.70%
1111 0111 1 | 10 |
                     23
                        - 1
                             21 |
1111 0111 1 | 11 |
                     23
                        -
                             21
                                - 1
                                    2 | 8.70%
1111 1000 0 | 00 |
                             23 |
                                   01 0.00%
                     23
                        1111 1000 0 | 01 |
                     23
                        7 | 16 | 69.57%
1111 1000 0 | 10 |
                     23
                        - 1
                             23
                                    0 | 0.00%
                             23
1111 1000 0 | 11 |
                     23
                        - 1
                                    0 | 0.00%
1111 1000 1 | 00 |
                                   01 0.00%
                     24
                        24 I
1111 1000 1 | 01 |
                     24
                        4 | 20 | 83.33%
1111 1000 1 | 10 |
                     24
                        -
                             23
                                    1 | 4.17%
1111 1000 1 | 11 |
                        -
                             23
                                    1 | 4.17%
                     24
1111 1001 0 | 00 |
                     24
                        -
                             24 I
                                   01 0.00%
1111 1001 0 | 01 |
                                   20 | 83.33%
                     24
                        1
                             4 I
1111 1001 0 | 10 |
                     24
                        - 1
                             23
                                    1 | 4.17%
1111 1001 0 | 11 |
                             23
                                    1 | 4.17%
                     24
                        - 1
1111 1001 1 | 00 |
                     25
                             25 |
                                   01 0.00%
                        1111 1001 1 | 01 |
                                   20 | 80.00%
                     25
                        - 1
                             5 |
1111 1001 1 | 10 |
                     25
                        -
                             23
                                    21 8.00%
1111 1001 1 | 11 |
                     25
                        23 |
                                    21 8.00%
1111 1010 0 | 00 |
                     25
                        - 1
                             25 |
                                   0 | 0.00%
1111 1010 0 | 01 |
                     25
                        5 |
                                   20 | 80.00%
1111 1010 0 | 10 |
                     25
                        25 |
                                    0 | 0.00%
1111 1010 0 | 11 |
                     25
                             17 I
                                    8 | 32.00%
                        - 1
1111 1010 1 | 00 |
                                   0 | 0.00%
                     26
                             26 |
                        - 1
1111 1010 1 | 01 |
                             6 | 20 | 76.92%
                     26
                        - 1
1111 1010 1 | 10 |
                     26
                        25 I
                                    1 | 3.85%
1111 1010 1 | 11 |
                     26
                        17 I
                                    9 | 34.62%
1111 1011 0 | 00 |
                     26
                        26 I
                                   0 | 0.00%
1111 1011 0 | 01 |
                             6 | 20 | 76.92%
                     26
                        1111 1011 0 | 10 |
                     26
                        25 I
                                    1 | 3.85%
1111 1011 0 | 11 |
                                    9 | 34.62%
                             17 I
                     26
                        - [
1111 1011 1 | 00 |
                                   01 0.00%
                             27 I
                     27
                        - 1
1111 1011 1 | 01 |
                             7 | 20 | 74.07%
                     27
                        - 1
1111 1011 1 | 10 |
                     27
                        1
                             25 I
                                    21 7.41%
1111 1011 1 | 11 |
                     27
                        -
                             17
                                10 | 37.04%
1111 1100 0 | 00 |
                     27 I
                             27 I
                                    0 | 0.00%
```

```
1111 1100 0 | 01 |
                    27
                            3 | 24 | 88.89%
                       1111 1100 0 | 10 |
                    27
                        1
                            27 I
                                   01 0.00%
1111 1100 0 | 11 |
                            27 I
                                   01 0.00%
                    27
                       1111 1100 1 | 00 |
                    28
                            28 I
                                   01 0.00%
                       1111 1100 1 | 01 |
                    28
                            0 | 28 | 100.00%
                       1111 1100 1 | 10 |
                    28
                       - [
                            27 I
                                   11 3.57%
1111 1100 1 | 11 |
                    28
                       27 I
                                   1 | 3.57%
1111 1101 0 | 00 |
                    28
                       28 I
                                   01 0.00%
1111 1101 0 | 01 |
                    28
                       - 1
                            0 | 28 | 100.00%
1111 1101 0 | 10 |
                    28 I
                            27 I
                                   11 3.57%
1111 1101 0 | 11 |
                    28
                       27 I
                                   1 | 3.57%
1111 1101 1 | 00 |
                    29
                       29 I
                                   01 0.00%
1111 1101 1 | 01 |
                                  28 | 96.55%
                    29
                       - 1
                            1 |
1111 1101 1 | 10 |
                    29
                       - 1
                            27 I
                                   21 6.90%
1111 1101 1 | 11 |
                    29
                       27 I
                                   21 6.90%
1111 1110 0 | 00 |
                            29 I
                                   01 0.00%
                    29
                       1111 1110 0 | 01 |
                            1 | 28 | 96.55%
                    29
                       - 1
1111 1110 0 | 10 |
                    29
                       - 1
                            29 I
                                   01 0.00%
1111 1110 0 | 11 |
                    29
                       29 I
                                   01 0.00%
1111 1110 1 | 00 |
                            30 I
                                   01 0.00%
                    30 I
1111 1110 1 | 01 |
                            2 | 28 | 93.33%
                    30 |
1111 1110 1 | 10 |
                    30 |
                            29 I
                                   11 3.33%
1111 1110 1 | 11 |
                    30 |
                            29 I
                                   11 3.33%
1111 1111 0 | 00 |
                            30 I
                                   01 0.00%
                    30 I
1111 1111 0 | 01 |
                    30
                            2 |
                                  28 | 93.33%
                       1111 1111 0 | 10 |
                    30 |
                            29 |
                                   11 3.33%
1111 1111 0 | 11 |
                    30 |
                            29 |
                                   11 3.33%
1111 1111 1 | 00 |
                    31
                       31
                                   01 0.00%
1111 1111 1 | 01 |
                    31
                       3 |
                                  28 | 90.32%
                                   21 6.45%
1111 1111 1 | 10 |
                    31
                       - 1
                            29 I
1111 1111 1 | 11 |
                    31
                       - 1
                            29 |
                                   2 | 6.45%
```

Simulation complete via \$finish(1) at time 2048 NS + 0 ./tb_dynamic_rca_4bit.v:69 \$finish; xcelium>