

Conversion of binary to decimal: Exercises

Add the decimal values of all the columns with 1 in them to give the decimal answer.

	1024	512	256	128	64	32	16	8	4	2	1	
1								1	1	0	1	
2								1	0	0	1	
3								1	0	1	1	
4							1	0	1	1	1	
6							1	0	1	0	1	
7							1	1	0	1	1	
8							1	0	0	1	0	
9							1	1	0	0	1	
10						1	1	0	1	1	0	
	1024	512	256	128	64	32	16	8	4	2	1	
11									1	1	1	
12								1	1	0	0	
13								1	0	0	0	1
14								1	1	1	0	0
15						1	0	0	1	1	0	
16						1	1	0	0	1	1	
17						1	0	0	0	1	0	
18						1	0	0	1	1	1	
19						1	1	1	0	0	0	
20						1	0	1	0	1	0	
	1024	512	256	128	64	32	16	8	4	2	1	