

10				
Ω	f1	f2	f3	f4
10011011000000000000	5200	454436.48	142754.01	10185.92
01001010001000000101	5400	442051.14	153595.93	13481.81
10000000000000000110	4300	365252.6	97694.38	18938.9
10111111000000100000	8200	499865.8	199951.65	7518.7
11010011000000100100	6400	453639.9	187365.05	10035.35
01100111000000100111	9000	458763.46	214741.67	11587.09
01011101110000110110	11900	549713.38	213066.88	5069.77
01110010010000110110	10200	468620.82	214598.61	9973.53
01011010000001000000	5200	450672	142899.53	12159
10000010001001000100	6800	457038.5	135040.21	10668.25
00001111000001101101	8700	504347.54	207617.93	8583.41
01001101110010000101	8400	521299.76	190417.14	7491.04
01011100100010000110	8300	530223.62	178610.8	6681.73
00011100110010100100	7000	507350.14	182354.01	7662.31
00001000010010100111	6500	458892.28	171697.04	11348.62
00101111000010101111	11400	536374.94	223504.19	6531.51
10101111000011100101	11500	571775.72	196248.25	4934.38
01001000010011100101	7400	495176.22	185345.57	9405.63
10001101010011110001	11400	569300.66	183220.98	4944.89
11011111010100000101	9900	546896.34	213915.28	5059.61
10011111000100010011	11200	553195.22	194026.43	5787.13
10111011000100100111	11500	535113.16	229575.91	5891.14
01011001001100101100	8800	486893.76	212251.64	9761.04
11111101000100110100	11400	554601.42	210344.52	4929.43
01110100010101100100	9100	487393.08	208170.65	8563.82
10010101000110000001	6900	490559.4	165289.19	9188.1
01101100010110000100	7300	490189.18	187017.2	8911.47
11011110010110000111	11700	584245.34	194077.62	3798.11
01011110000110000111	8800	547908.7	194999.89	5791.55
11011100000110100011	9900	561504.12	192133.41	4895.98
00110010010110100100	7100	452757.96	191185.54	10993.34
00011111000110100101	7500	524934.1	205502.06	7575.65
01001001110110101101	10600	529860.38	223751.95	6925.27
10011010001111000101	10800	581072	172910.14	4515
01001010011111100100	9800	529738.82	201726.94	7876.53
00111111000111100101	11300	566526.5	200726.05	6301.25

Generación (t)				
20				
Ω	f1	f2	f3	f4
10011011000000000000	5200	454436.48	142754.01	10185.92
00011011000000000000	3400	399041.62	121383.52	15836.73
01000000000000000010	2900	294537.68	63006.36	27741.72
01011011000000000000	4300	427299.38	145013.62	13020.77
01111011000000000000	6100	442792.78	165730.29	11794.87
11011011000000000000	6100	471262.26	161723.17	9275.29
100000000000000000110	4300	365252.6	97694.38	18938.9
000000000000000000110	2500	287875.84	66869.7	28253.36
010000000000000000110	3400	328051.76	95471.61	23451.04
010110100000000000000	3200	412273.48	123675.61	14257.42
10111111000000100000	8200	499865.8	199951.65	7518.7
10011111000000100000	6400	490327.28	185150.57	7752.12
11011111000000100000	7300	507153.06	197699.62	6841.49
11111111000000100000	9100	516691.58	209533.54	6608.07
11010011000000100100	6400	453639.9	187365.05	10035.35
01010011000000100100	4600	410273	170390.56	13681.5
01110011000000100100	6400	425502.28	190334.43	12499.62
01100111000000100111	9000	458763.46	214741.67	11587.09
00010011000000100100	3700	379847.02	145676.67	16858.83
01111111000000100000	7300	476374.24	198327.26	9745.96
01000111000000100111	7200	446175.38	203883.72	12328.77
10010011000000100100	5500	434760.68	167312.1	11288.22
11101111000000100111	11500	539623.5	224646.14	5835.75
10011011000000100111	9000	511890.12	211338.82	6828.98
01001111000000101101	7600	483635.5	219628.89	9627.75
01111011000000100111	9900	503514.44	226869.16	7893.26
01011010000001000000	5200	450672	142899.53	12159
010110000000001000000	4500	425718	125052.72	14730
000110100000001000000	4300	422691.32	120549.43	14928.78
100110100000001000001	6900	493848.08	150757.16	8812.32
100110100000001000000	6100	474774.48	138991.87	9829.92
010111100000001000000	5900	478102.52	156273.1	10463.58
001111110000001000000	6400	455220.78	184084.43	11377.87
000011110000001101101	8700	504347.54	207617.93	8583.41
110011110000001101101	11400	557101.72	213866.8	5266.38
010011110000001101101	9600	522034.02	215651.01	7529.33
110011100000001101101	10300	547773.42	206520.8	5553.43
010111110000001101101	10500	543940.82	217463.83	6375.53
100110110000100000000	6100	492004.48	156522.18	8064.92
00011100100010000100	5400	490650.24	152976.66	9292.96
01011100100010000110	8300	530223.62	178610.8	6681.73
11011100000010100011	9200	550460.8	187118.17	5160.2
01011100100010100100	6800	517185.32	184086.11	7435.78
00011111000010100101	6800	513890.78	197219.2	7839.87
00001000000010100111	5400	453686.98	159903.91	11735.17
00101111000010101111	11400	536374.94	223504.19	6531.51

01001111000010101111	10500	542735.5	220422.69	6008.75
01000111000010101111	9800	505608.9	217781.72	8052.85
10001111000010101111	11400	560158	216076.3	4793
10101111000011100101	11500	571775.72	196248.25	4934.38
11001111000011100101	10600	576954.22	194224.88	4608.63
10001111000011100101	9700	562237.2	192890.59	5167.8
01001111000011100101	8800	537279.12	197572.37	7639.48
11111011000100000111	11900	544894.66	217676.7	5482.89
01111110100100001100	10300	530685.08	216217.68	6383.82
10111110100100001100	11200	548298.98	206186.55	5136.17
01011110100100001100	8500	520764.6	208388.17	6680.9
11011110100100001100	10300	552230.62	206476	5018.23
10011110100100001100	9400	538760.46	198101.21	5369.59
10011111000100010011	11200	553195.22	194026.43	5787.13
10011111000100010111	11700	568432.34	203982.9	4542.61
01010011000100100100	5300	421612.12	188771.92	13367.98
10010011000100100100	6200	448466.2	182719.31	10580.3
11111101000100100100	9600	526630.12	216636.45	6234.98
10111011000100100111	11500	535113.16	229575.91	5891.14
00111011000100100111	9700	496752.78	228444.02	8702.87
01111011000100100111	10600	514557.76	235044.76	7629.04
11011011000100100111	10600	537927.54	224809.43	5959.41
01011011000100100111	8800	499328.48	225627.15	8810.92
01011010000100100111	7700	488334.64	213197.73	9375.56
00011001000100101110	8100	464184.04	207203.44	10514.66
10011011000100100111	9700	522933.44	219902.47	6564.76
00011111000000100000	4600	441929.98	166572.02	12236.67
11011110000100110011	11500	566299.2	202855.2	4900.8
11111101000100110100	11400	554601.42	210344.52	4929.43
11011101000100110100	9600	545062.9	206139.12	5162.85
00011101000100110100	6900	482485.58	184029.55	10117.07
10111111000100110100	11200	550822.94	213434.2	5253.51
10011101000100110100	8700	530068.8	196716.27	5768.2
00110010000110100100	6000	443476.38	174181.79	12059.27
01011000010000111101	8900	496988.42	210090.08	8004.93
01011111000101110101	11300	568348.54	198080.03	5750.91
10010101000110000001	6900	490559.4	165289.19	9188.1
00010101000110000001	5100	450682.58	153152.76	12252.57
01010101000110000001	6000	471411.72	171526.52	10691.38
11000101000110000001	6900	485165.42	172930.08	9483.43
01011110000110000101	6800	528212.94	188571.81	6983.51
01011110000110000110	8000	531225.8	194734.05	6410.7
10011110000110000111	9700	565592.14	189791.99	4532.31
01011110000110000111	8800	547908.7	194999.89	5791.55
11011110000110000111	10600	580586.24	189985.66	3926.96
10011111100110001001	11700	585015.8	187471.29	3934.7
01111110000110000111	10600	557829.18	199497.42	5494.47
00011110000110000111	7900	530103.72	190145.28	6865.38
00111011100110001101	11500	549453.22	211004.72	6055.13
10011111100110010100	11500	592034.1	179635.59	3765.65

11011100000110100010	9100	544412.5	190626.19	5583.25
11011100000110100011	9900	561504.12	192133.41	4895.98
01010111000110100101	7700	505847.56	207168.54	8506.74
10011111000110100101	9300	564810.92	204805.46	4511.18
00011111000110100101	7500	524934.1	205502.06	7575.65
01111111000110100101	10200	554065	214696.24	5970.5
00011100000110100011	7200	511140.94	182846.46	7814.51
01011111000110100101	8400	544144.52	210923.93	6267.58
11111100000110100011	11700	571042.64	195096.65	4662.56
10011100000110100011	9000	546510.02	189174.51	5501.33
11111111000110100101	12000	589343.54	206627.37	3672.41
11001110000110101011	11400	564959.58	201716.44	4900.07
01111110000110100111	11100	562766.92	207011.16	5343.18
10011110100110110101	11700	604207.1	180762.46	3302.15
10011110000110110111	12000	595671.82	188747.59	3547.03
01011110000110110111	11100	579653.92	192179.88	4528.68
01011111100111000001	11100	585821.84	185874.7	4924.36
10011111100111000001	12000	602022.92	169432.69	3912.18
00001100010110000100	4600	458841.64	159267.52	10886.06
10011010000111000101	9000	554683.44	175790.61	5684.76
10001100010110000100	6400	499591.34	172592.35	7676.11
01001111100111001001	11900	575760.38	195713.81	5593.27
00111111000111100101	11300	566526.5	200726.05	6301.25
01011111000111100101	10400	574836.64	201389.23	5453.56
00011111000111100101	9500	555903.3	198594.84	6715.45
10011111000111100101	11300	595187.32	190517.15	3749.78
01001010001000000101	5400	442051.14	153595.93	13481.81
10001010001000000101	6300	480104.4	156332.62	8827.6
01010101000110000101	6500	483220.92	187002.06	10018.18
10000011000000100100	4600	407867.28	149674.35	13273.12
10000010001001000100	6800	457038.5	135040.21	10668.25
10011010101010100101	10300	568919.38	188296.67	4602.77
01111010101010100101	11200	563253.78	205715.51	5215.37
11011010001011000101	11000	582007.42	170730.51	4676.43
01011010101011100101	11400	581074.5	189340.83	5190.25
01011001001100101100	8800	486893.76	212251.64	9761.04
01111011001100101100	11300	515001.02	237645.94	8020.83
11111011000100100101	10400	535179.34	227127.23	5683.11
01011111010110000101	9000	546906.88	211739.29	5616.52
10011010001110000101	8800	550695.6	179840.65	5276.4
10011110001110101101	11700	592409.18	195101.84	3361.47
01011010001110111101	11900	571591.1	198729.74	5623.15
11011010001111000001	11200	583861.02	171082.66	4648.83
10011011001111000101	11900	590991.6	177025.58	4129.4
10011010001111000101	10800	581072	172910.14	4515
11011010001111000101	11700	595789.02	173863.9	3955.83
01011010101111000101	11600	586226.5	182198.6	5236.25
10011110001111000101	11500	604597.9	166169.75	3470.35
11011000001111100101	11500	588076	184933.42	4325
01011000001111100101	9700	551342.76	192459.28	6865.54

10000111010000100111	9200	476390.6	216302.18	9461.9
01100111010000100111	10100	464742.22	228512.94	11071.63
01011101110000110110	11900	549713.38	213066.88	5069.77
01110010010000110110	10200	468620.82	214598.61	9973.53
01011000110000111101	10600	527861.62	218702.68	6127.73
10011001000000000000	4500	428165.06	121597.45	12976.49
01001101110010000101	8400	521299.76	190417.14	7491.04
11001101010010000101	8500	529388.86	193897.34	6456.19
10011100110010100000	8300	530569.46	176839.64	6079.09
00011100110010100100	7000	507350.14	182354.01	7662.31
10011100110010100100	8800	540953.06	186718.63	5643.49
11111100010010100100	9800	542022.48	207035.43	5446.92
00001000010010100111	6500	458892.28	171697.04	11348.62
01011100110010100100	7900	526209.2	194577.13	6412.8
11111100110010100100	11500	565485.68	200550.13	4804.72
11011100110010100100	9700	555947.16	194280.81	5038.14
01111100110010100100	9700	538803.4	203557.78	5670.1
00001000010011100101	6500	475715.84	171617.95	10755.36
01001000010011100101	7400	495176.22	185345.57	9405.63
10001101010011110001	11400	569300.66	183220.98	4944.89
11011010000000000000	5000	461223.86	144838.2	9680.69
11011111010100000101	9900	546896.34	213915.28	5059.61
01011111010100000101	8100	512541.44	215265.26	7203.76
00011111010100000101	7200	493331.02	203900.29	8511.83
01111111010100000101	9900	522461.92	223473.75	6906.68
10011111010100000101	9000	531902.24	207211.25	5664.96
01011101010100000101	7400	499024.52	204250.69	7868.58
11011110010100000111	10800	552547.5	208205.41	4940.75
01010111010100000101	7400	473629.84	212305.01	9545.36
11111111010100000101	11700	556434.86	219412.44	4826.19
11001111010100000101	9000	524989.54	214854.99	6213.41
11011111010100100101	10400	551714.74	227006.05	4928.21
01111011010100100111	11700	520536.52	244366.94	7113.58
01011101010100110100	8900	514160.94	212149.46	7212.51
01110010010100111101	11400	493429.76	240125.55	8975.04
01010110010100111101	10300	506567.24	230743.92	8305.46
11011111000100100101	9300	548107.18	219131.64	5048.47
01110100010101100100	9100	487393.08	208170.65	8563.82
01010100010101100100	7300	477472.6	198415.56	8860.9
01101100010110000100	7300	490189.18	187017.2	8911.47
01001100010110000100	5500	480268.7	176365.61	9208.55
11011110010110000110	10900	567613.98	199694.85	4408.67
00011110010110000111	9000	535309.02	198595.34	6478.83
01011110010110000111	9900	553114	203113	5405
11011110010110000111	11700	584245.34	194077.62	3798.11
01001110010110000100	6200	494245.88	189981.29	8467.02
01001111010110000111	10100	536115.24	215724.39	7008.46
10011110010110000111	10800	569251.24	194220.9	4403.46
11001100010110000100	7300	516802.08	185029.5	6701.32
01111110010110000111	11700	563034.48	206827.39	5107.92

00011011100110001111	11700	557025.9	214747.24	5527.35
01010010010110100100	6200	460222.7	194636.21	10286.55
00011111010110100101	8600	532514.86	215184.46	6793.19
00110010010110100100	7100	452757.96	191185.54	10993.34
10010010010110100100	7100	475516.52	184766.87	9425.58
11010111010110100101	10600	545115.62	216036.97	6024.73
01001001110110101101	10600	529860.38	223751.95	6925.27
01111010110111100000	11900	561073.26	210397.19	5252.79
11111101011000100100	11800	542751.64	218242.76	5681.06
11011100000110100001	7900	546576.2	190606.68	5293.3
01011100000110100011	8100	528945.92	190466.3	6740.68
10001100000110100011	8100	522386.58	183919.99	7024.57
01011000000110100011	7400	503838.36	188096.9	8048.94
10111101011010100100	11800	559862.42	209377.39	5075.93
00011101000110100101	6800	511417.18	197977.8	8240.47
01011110000110001111	10500	560991	204885.19	5100.5
01001011111100100110	11700	517402.52	232132.18	8117.58
01000111011100101110	11700	492413.22	232830.84	9236.13
01110011000100100100	7100	436841.4	205353.59	12186.1
01100011000100100111	9000	445364.26	219363.44	12520.29
11111110000000100000	8000	507363.28	198904.64	6895.12
11011111000110100101	10200	579805.02	205566.39	3905.83
10111111000110100101	11100	574349.44	208833.6	4277.76
00111111000110100101	9300	535557.3	212241.53	7161.45
00011111000110100111	9500	546035.3	212274.04	6149.45
00011110100110110111	11900	590054.54	189039.05	4169.91
01001010011111100100	9800	529738.82	201726.94	7876.53

30				
Ω	f1	f2	f3	f4
10011011000000000000	5200	454436.48	142754.01	10185.92
00011011000000000000	3400	399041.62	121383.52	15836.73
01000000000000000010	2900	294537.68	63006.36	27741.72
01011011000000000000	4300	427299.38	145013.62	13020.77
01111011000000000000	6100	442792.78	165730.29	11794.87
11011011000000000000	6100	471262.26	161723.17	9275.29
100000000000000000110	4300	365252.6	97694.38	18938.9
000000000000000000110	2500	287875.84	66869.7	28253.36
010000000000000000110	3400	328051.76	95471.61	23451.04
010110100000000000000	3200	412273.48	123675.61	14257.42
01011111100110100101	10100	572350.12	207519.57	4834.98
010100110000000000100	4100	400309.06	146522.6	14670.49
110000000000000000100	3200	361210.76	99748.31	19415.54
10111111000000100000	8200	499865.8	199951.65	7518.7
10011111000000100000	6400	490327.28	185150.57	7752.12
11011111000000100000	7300	507153.06	197699.62	6841.49
11111111000000100000	9100	516691.58	209533.54	6608.07
11010011000000100100	6400	453639.9	187365.05	10035.35
01010011000000100100	4600	410273	170390.56	13681.5
01110011000000100100	6400	425502.28	190334.43	12499.62
01100111000000100111	9000	458763.46	214741.67	11587.09
00010011000000100100	3700	379847.02	145676.67	16858.83
01111111000000100000	7300	476374.24	198327.26	9745.96
01000111000000100111	7200	446175.38	203883.72	12328.77
10010011000000100100	5500	434760.68	167312.1	11288.22
11101111000000100111	11500	539623.5	224646.14	5835.75
10011011000000100111	9000	511890.12	211338.82	6828.98
01001111000000101101	7600	483635.5	219628.89	9627.75
01111011000000100111	9900	503514.44	226869.16	7893.26
11000111000000100111	9000	492343.74	215093.19	8215.71
10001111000000101111	10500	528460.16	228002.89	5935.64
01000111000000101111	8900	465590.02	224124.26	10582.33
01011010000001000000	5200	450672	142899.53	12159
010110000000001000000	4500	425718	125052.72	14730
00011010000001000000	4300	422691.32	120549.43	14928.78
10011010000001000001	6900	493848.08	150757.16	8812.32
10011010000001000000	6100	474774.48	138991.87	9829.92
01011110000001000000	5900	478102.52	156273.1	10463.58
11011110000001000000	7700	517680.36	167986.36	7448.94
00001010000001000001	4200	411950.06	116065.45	16382.99
10011010000001000100	6600	492165.6	157186.69	8226.4
10011110000001000000	6800	501131.66	154504.18	8313.39
00111111000000100000	6400	455220.78	184084.43	11377.87
11001111000001001101	10900	549545.04	199573.22	5854.16
00011111100000100000	6300	478193.34	180409.16	9461.11
00001111000001101101	8700	504347.54	207617.93	8583.41

11001111000001101101	11400	557101.72	213866.8	5266.38
01001111000001101101	9600	522034.02	215651.01	7529.33
11001110000001101101	10300	547773.42	206520.8	5553.43
01011111000001101101	10500	543940.82	217463.83	6375.53
10011111000111001001	12000	591651.92	183911.53	3861.68
10011011000010000000	6100	492004.48	156522.18	8064.92
00011011000010000000	4300	447911.34	142456.7	11832.11
00011100100010000100	5400	490650.24	152976.66	9292.96
11001101100010000101	9100	549244.5	181776.61	5934.25
01011100100010000110	8300	530223.62	178610.8	6681.73
11111101000010000110	11300	555062.92	198868.46	5479.18
01011110000010000111	8100	533617.82	185967.89	6597.03
00011100100010000110	7400	512418.64	167965.47	7755.56
11011100100010000100	8100	544731.38	172198.39	5754.77
01001101100010000101	7300	513719	180644.47	8273.5
01011010001111100101	10400	564859.68	195222.31	6200.72
11011100000010100011	9200	550460.8	187118.17	5160.2
01011100100010100100	6800	517185.32	184086.11	7435.78
00011111000010100101	6800	513890.78	197219.2	7839.87
01011111000010100101	7700	533101.2	203901.51	6531.8
00001000000010100111	5400	453686.98	159903.91	11735.17
10011011000010100100	7100	512028.68	189716.67	6694.22
10101111000010101101	11200	554768.6	217214.62	4956.9
00101111000010101111	11400	536374.94	223504.19	6531.51
01001111000010101111	10500	542735.5	220422.69	6008.75
01000111000010101111	9800	505608.9	217781.72	8052.85
10001111000010101111	11400	560158	216076.3	4793
01011111000010101111	11400	564642.3	219306.67	4854.95
11011111010100000100	9100	529857.94	214545	5738.01
10111111010100000101	10800	541440.76	215675.57	5431.54
00111111010100000101	9000	503954.22	215075.94	8097.63
01011111010100000111	10100	528264	222312.74	6674
00010010000000100100	2600	361921.62	124754.9	18578.73
10101111000011100101	11500	571775.72	196248.25	4934.38
11001111000011100101	10600	576954.22	194224.88	4608.63
10001111000011100101	9700	562237.2	192890.59	5167.8
01001111000011100101	8800	537279.12	197572.37	7639.48
01101111000011100101	10600	547199.6	200674.2	7342.4
01011010100011100101	9600	554950.06	191881.37	6315.99
10101011000011100101	10800	548155.56	195625.9	5994.74
01011111110100000101	9800	543414.64	217081.7	5326.56
11111011000100000111	11900	544894.66	217676.7	5482.89
01111110100100001100	10300	530685.08	216217.68	6383.82
10111110100100001100	11200	548298.98	206186.55	5136.17
01011110100100001100	8500	520764.6	208388.17	6680.9
11011110100100001100	10300	552230.62	206476	5018.23
10011110100100001100	9400	538760.46	198101.21	5369.59
10011111000100010011	11200	553195.22	194026.43	5787.13
10011111000100010111	11700	568432.34	203982.9	4542.61
01011100000100100011	7200	487256.4	187606.12	9548.6

01010011000100100100	5300	421612.12	188771.92	13367.98
10010011000100100100	6200	448466.2	182719.31	10580.3
11111101000100100100	9600	526630.12	216636.45	6234.98
10111011000100100111	11500	535113.16	229575.91	5891.14
00111011000100100111	9700	496752.78	228444.02	8702.87
01111011000100100111	10600	514557.76	235044.76	7629.04
11011011000100100111	10600	537927.54	224809.43	5959.41
01011011000100100111	8800	499328.48	225627.15	8810.92
01011010000100100111	7700	488334.64	213197.73	9375.56
00011001000100101110	8100	464184.04	207203.44	10514.66
10011011000100100111	9700	522933.44	219902.47	6564.76
00011111000000100000	4600	441929.98	166572.02	12236.67
11011110000100110011	11500	566299.2	202855.2	4900.8
11111101000100110100	11400	554601.42	210344.52	4929.43
11011101000100110100	9600	545062.9	206139.12	5162.85
00011101000100110100	6900	482485.58	184029.55	10117.07
10111111000100110100	11200	550822.94	213434.2	5253.51
10011101000100110100	8700	530068.8	196716.27	5768.2
01011100000100110100	6700	492299.9	187583.18	9107.35
11010001000000100100	5700	431566.62	168555.57	12126.23
00110010000110100100	6000	443476.38	174181.79	12059.27
01110010000110100100	6900	463502.8	191948.64	10615.2
01011000010000111101	8900	496988.42	210090.08	8004.93
01011111000101110101	11300	568348.54	198080.03	5750.91
10010101000110000001	6900	490559.4	165289.19	9188.1
00010101000110000001	5100	450682.58	153152.76	12252.57
01010101000110000001	6000	471411.72	171526.52	10691.38
11000101000110000001	6900	485165.42	172930.08	9483.43
01011110000110000101	6800	528212.94	188571.81	6983.51
01011110000110000110	8000	531225.8	194734.05	6410.7
10011110000110000111	9700	565592.14	189791.99	4532.31
01011110000110000111	8800	547908.7	194999.89	5791.55
11011110000110000111	10600	580586.24	189985.66	3926.96
10011111100110001001	11700	585015.8	187471.29	3934.7
01111110000110000111	10600	557829.18	199497.42	5494.47
00011110000110000111	7900	530103.72	190145.28	6865.38
00111011100110001101	11500	549453.22	211004.72	6055.13
10011111100110010100	11500	592034.1	179635.59	3765.65
11011100000110100010	9100	544412.5	190626.19	5583.25
11011100000110100011	9900	561504.12	192133.41	4895.98
01010111000110100101	7700	505847.56	207168.54	8506.74
10011111000110100101	9300	564810.92	204805.46	4511.18
00011111000110100101	7500	524934.1	205502.06	7575.65
01111111000110100101	10200	554065	214696.24	5970.5
00011100000110100011	7200	511140.94	182846.46	7814.51
01011111000110100101	8400	544144.52	210923.93	6267.58
11111100000110100011	11700	571042.64	195096.65	4662.56
10011100000110100011	9000	546510.02	189174.51	5501.33
11111111000110100101	12000	589343.54	206627.37	3672.41
11001110000110101011	11400	564959.58	201716.44	4900.07

01111110000110100111	11100	562766.92	207011.16	5343.18
10011110100110110101	11700	604207.1	180762.46	3302.15
10011110000110110111	12000	595671.82	188747.59	3547.03
01011110000110110111	11100	579653.92	192179.88	4528.68
01011111100111000001	11100	585821.84	185874.7	4924.36
10011111100111000001	12000	602022.92	169432.69	3912.18
00001100010110000100	4600	458841.64	159267.52	10886.06
10011010000111000101	9000	554683.44	175790.61	5684.76
10001100010110000100	6400	499591.34	172592.35	7676.11
01001111100111001001	11900	575760.38	195713.81	5593.27
01011101000111001010	11600	559448.44	201141.22	5882.26
01010100100111010101	10900	569274.44	178302.81	5334.26
00111111000111100101	11300	566526.5	200726.05	6301.25
01011111000111100101	10400	574836.64	201389.23	5453.56
00011111000111100101	9500	555903.3	198594.84	6715.45
10011111000111100101	11300	595187.32	190517.15	3749.78
01001010001000000101	5400	442051.14	153595.93	13481.81
10001010001000000101	6300	480104.4	156332.62	8827.6
01010101000110000101	6500	483220.92	187002.06	10018.18
01011111000000100000	5500	463786.16	183782.01	10487.64
10000011000000100100	4600	407867.28	149674.35	13273.12
01010011000000100101	5400	429086.2	187814.63	12707.3
10000010001001000100	6800	457038.5	135040.21	10668.25
10011010101010100101	10300	568919.38	188296.67	4602.77
01111010101010100101	11200	563253.78	205715.51	5215.37
11011010001011000101	11000	582007.42	170730.51	4676.43
01011101101011000001	11500	582080.6	171971.22	5611.9
11011010000100100111	9500	528599.24	216833.05	6246.46
10011010000100100111	8600	513605.14	210578.61	6851.81
11111010000100100111	11300	540778.96	225404.03	5572.84
10111010000100100111	10400	525784.86	222116.75	6178.19
10011010101011100100	11500	582664.42	183913.8	4451.93
01011010101011100101	11400	581074.5	189340.83	5190.25
00101111000010101101	9400	515976.46	216973.14	7840.59
00001111000010101111	9600	526454.46	217956.92	6828.59
01101111000010101110	11500	536024.62	221072.77	6322.23
01011001001100101100	8800	486893.76	212251.64	9761.04
01111011001100101100	11300	515001.02	237645.94	8020.83
01011001101100101100	10500	522805.76	223583.73	7044.04
01111001001100101100	10600	501330.68	224720.67	8711.22
11111011000100100101	10400	535179.34	227127.23	5683.11
01011111010110000101	9000	546906.88	211739.29	5616.52
10111011000100100110	10700	518074.76	226082.89	6569.54
00011011000100100111	7900	481523.5	216059.25	9884.75
10011010001110000101	8800	550695.6	179840.65	5276.4
01011100110000111101	11300	552969.18	217871.33	4819.47
00011111001110100101	9300	548491.38	200155.94	6877.77
10011110001110101101	11700	592409.18	195101.84	3361.47
01011010001110111101	11900	571591.1	198729.74	5623.15
11011010001111000001	11200	583861.02	171082.66	4648.83

10011011001111000101	11900	590991.6	177025.58	4129.4
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11011010001111000101	11700	595789.02	173863.9	3955.83
01011010101111000101	11600	586226.5	182198.6	5236.25
10011110001111000101	11500	604597.9	166169.75	3470.35
11011000001111100101	11500	588076	184933.42	4325
01011000001111100101	9700	551342.76	192459.28	6865.54
10011111010000000101	8300	518120.64	198417.66	6385.56
01010011010000100100	5700	422892.56	189952.33	12059.24
10000111010000100111	9200	476390.6	216302.18	9461.9
01100111010000100111	10100	464742.22	228512.94	11071.63
01011101110000110110	11900	549713.38	213066.88	5069.77
01110010010000110110	10200	468620.82	214598.61	9973.53
01110011010000110110	11300	478016.92	226003.68	9675.18
01011000110000111101	10600	527861.62	218702.68	6127.73
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01011001000000000000	3600	402345.38	122682.55	15591.77
01001101110010000101	8400	521299.76	190417.14	7491.04
11001101010010000101	8500	529388.86	193897.34	6456.19
01001100110010000101	7300	511275.04	173883.47	7894.16
10011100110010100000	8300	530569.46	176839.64	6079.09
00011100110010100100	7000	507350.14	182354.01	7662.31
10011100110010100100	8800	540953.06	186718.63	5643.49
11111100010010100100	9800	542022.48	207035.43	5446.92
00001000010010100111	6500	458892.28	171697.04	11348.62
01011100110010100100	7900	526209.2	194577.13	6412.8
11111100110010100100	11500	565485.68	200550.13	4804.72
11011100110010100100	9700	555947.16	194280.81	5038.14
01111100110010100100	9700	538803.4	203557.78	5670.1
00011101110010100100	8100	519419.96	195433.99	6918.34
00011100010010100100	5300	478793.18	176620.64	9153.47
00111111000110000101	8800	530738.9	202108.17	7292.85
11010111010100000101	9200	507984.74	215659.32	7401.21
01001000010011100001	6900	484792.62	174149.65	9841.23
01011100110011100100	9900	556308.52	198044.77	5697.58
00001000010011100101	6500	475715.84	171617.95	10755.36
01001000010011100101	7400	495176.22	185345.57	9405.63
10011000000111000101	8300	541166.52	171307.85	6349.58
10001101010011110001	11400	569300.66	183220.98	4944.89
11011010000000000000	5000	461223.86	144838.2	9680.69
11011111010100000101	9900	546896.34	213915.28	5059.61
01011111010100000101	8100	512541.44	215265.26	7203.76
00011111010100000101	7200	493331.02	203900.29	8511.83
01111111010100000101	9900	522461.92	223473.75	6906.68
10011111010100000101	9000	531902.24	207211.25	5664.96
01011101010100000101	7400	499024.52	204250.69	7868.58
11011110010100000111	10800	552547.5	208205.41	4940.75
01010111010100000101	7400	473629.84	212305.01	9545.36
11111111010100000101	11700	556434.86	219412.44	4826.19

11001111010100000101	9000	524989.54	214854.99	6213.41
11010100010100100100	7100	466068.24	199421.72	10041.96
11011111010100100101	10400	551714.74	227006.05	4928.21
10011111010100100101	9500	536720.64	222515.15	5533.56
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01011101010100110100	8900	514160.94	212149.46	7212.51
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01110010010100111101	11400	493429.76	240125.55	8975.04
01010110010100111101	10300	506567.24	230743.92	8305.46
11011111000100100101	9300	548107.18	219131.64	5048.47
01011000110100111101	11300	539414.22	227625.14	5778.63
10011111000100100101	8400	533113.08	214303.79	5653.82
10010110010100111101	11200	526052.6	222802.31	6745.9
01110100010101100100	9100	487393.08	208170.65	8563.82
01010100010101100100	7300	477472.6	198415.56	8860.9
11111100010101100100	11600	551060.24	213952.91	5677.96
00111011100110000111	11800	556482.42	209616.64	5484.93
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00111011000000000000	5200	419454.06	145067.35	13790.99
10111101010110000001	10500	547812.48	196462.97	5626.92
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11011110010110000110	10900	567613.98	199694.85	4408.67
00011110010110000111	9000	535309.02	198595.34	6478.83
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01001110010110000100	6200	494245.88	189981.29	8467.02
01001111010110000111	10100	536115.24	215724.39	7008.46
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01101100000110000100	6200	480959.14	172165.2	9968.81
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01001001110110101101	10600	529860.38	223751.95	6925.27
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01001111110111000101	11800	578697.6	197824.96	5390.4
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10011101000110000001	7600	534666.4	179951.6	5980.6
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11011100000110100001	7900	546576.2	190606.68	5293.3
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01011100000110100011	8100	528945.92	190466.3	6740.68
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10111011000000100111	10800	524069.84	224374.46	6155.36
11011101011001100100	12000	563312.44	201178.06	5199.26
01011100100110100011	9800	557306.14	193523.69	5282.31
01011000000110100011	7400	503838.36	188096.9	8048.94
01011110000110000011	8300	535980.7	185753.13	6484.55
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11011110000110000101	8600	565658.32	188391.01	4324.28
00011101000110100101	6800	511417.18	197977.8	8240.47
01011110000110001111	10500	560991	204885.19	5100.5
01011110100110000111	10500	576268.92	194238.02	4333.18
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01001011111100100110	11700	517402.52	232132.18	8117.58
01000111011100101110	11700	492413.22	232830.84	9236.13
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11011111000110000101	9700	574986.62	196834.54	4037.23
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11010011000100100100	7100	464979.02	201511.82	9721.83
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01011111000000000000	5000	453661.24	162990.67	11503.46
01011110000110110101	9100	559958.16	191770.83	5720.64
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10111111000110100101	11100	574349.44	208833.6	4277.76
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01011111000110100111	10400	563840.28	213568.04	5075.62
00011110100110110111	11900	590054.54	189039.05	4169.91

01001010011111100100	9800	529738.82	201726.94	7876.53
01001010111111100100	11500	557351.62	200844.09	6542.73
10011010001111000100	10000	564440.64	178276.47	5125.56

40				
Ω	f1	f2	f3	f4
01011010000000000000	3200	412273.48	123675.61	14257.42
11011010000000000000	5000	461223.86	144838.2	9680.69
01000000000000000010	2900	294537.68	63006.36	27741.72
110000000000000000100	3200	361210.76	99748.31	19415.54
010010100000000000101	3600	414606.1	142548.94	14827.65
100000000000000000110	4300	365252.6	97694.38	18938.9
000000000000000000110	2500	287875.84	66869.7	28253.36
010000000000000000110	3400	328051.76	95471.61	23451.04
11111110000000100000	8000	507363.28	198904.64	6895.12
10111110000000100000	7100	490537.5	187975.27	7805.75
00011111000000100000	4600	441929.98	166572.02	12236.67
01011111000000100000	5500	463786.16	183782.01	10487.64
00010010000000100100	2600	361921.62	124754.9	18578.73
11010010000000100100	5300	442160.36	172243.8	10680.94
01011010000001000000	5200	450672	142899.53	12159
01011000000001000000	4500	425718	125052.72	14730
00011010000001000000	4300	422691.32	120549.43	14928.78
10011010000001000001	6900	493848.08	150757.16	8812.32
10011010000001000000	6100	474774.48	138991.87	9829.92
01011110000001000000	5900	478102.52	156273.1	10463.58
11011110000001000000	7700	517680.36	167986.36	7448.94
00001010000001000001	4200	411950.06	116065.45	16382.99
10011010000001000100	6600	492165.6	157186.69	8226.4
10011110000001000000	6800	501131.66	154504.18	8313.39
01011010000001000100	5700	466231.44	162346.52	10860.76
11001110000001101101	10300	547773.42	206520.8	5553.43
00011100000010000110	5700	484006.88	159226.2	9222.52
01011110000010000111	8100	533617.82	185967.89	6597.03
01011100000010000110	6600	501811.86	171853.41	8148.69
11011100000010100011	9200	550460.8	187118.17	5160.2
00001000000010100111	5400	453686.98	159903.91	11735.17
01001000000010100111	6300	474539.84	172468.09	10153.36
10011010000011000000	7000	512342.48	151636.51	7708.92
11011010000011000000	7900	527059.5	165258.75	7149.75
01001000000011100101	6300	485997.72	171890.9	10454.38
01011100000010010011	7200	487256.4	187606.12	9548.6
01011010000100100111	7700	488334.64	213197.73	9375.56
11011010000100100111	9500	528599.24	216833.05	6246.46
10011010000100100111	8600	513605.14	210578.61	6851.81
11111010000100100111	11300	540778.96	225404.03	5572.84
10111010000100100111	10400	525784.86	222116.75	6178.19
00111010000100100111	8600	485758.94	216531.82	9267.51
11011110000100110011	11500	566299.2	202855.2	4900.8
01011100000100110100	6700	492299.9	187583.18	9107.35
11010100000110000001	6700	497625.12	163735.96	8636.48
10011100000110000011	8500	540147.22	174835.38	5890.13

00011100000110000011	6700	504658.8	167783.63	8223.2
01011110000110000101	6800	528212.94	188571.81	6983.51
01011110000110000110	8000	531225.8	194734.05	6410.7
10011110000110000111	9700	565592.14	189791.99	4532.31
01011110000110000111	8800	547908.7	194999.89	5791.55
11011110000110000111	10600	580586.24	189985.66	3926.96
01111110000110000111	10600	557829.18	199497.42	5494.47
00011110000110000111	7900	530103.72	190145.28	6865.38
10101100000110000100	7100	505470.76	172331.97	7571.54
01101100000110000100	6200	480959.14	172165.2	9968.81
11011110000110000101	8600	565658.32	188391.01	4324.28
01011110000110001111	10500	560991	204885.19	5100.5
11011110000110010101	10400	590919.6	182380.6	3470.4
10011110000110010111	11500	590853.42	182674.75	3678.43
11011100000110100001	7900	546576.2	190606.68	5293.3
11011100000110100010	9100	544412.5	190626.19	5583.25
11011100000110100011	9900	561504.12	192133.41	4895.98
00110010000110100100	6000	443476.38	174181.79	12059.27
01110010000110100100	6900	463502.8	191948.64	10615.2
00011100000110100011	7200	511140.94	182846.46	7814.51
11111100000110100011	11700	571042.64	195096.65	4662.56
10011100000110100011	9000	546510.02	189174.51	5501.33
01111110000110100111	11100	562766.92	207011.16	5343.18
10011100000110100001	7000	531582.1	183519.91	5898.65
11001110000110101011	11400	564959.58	201716.44	4900.07
01011100000110100011	8100	528945.92	190466.3	6740.68
01111110000110100101	9100	543071.16	206252.92	6535.14
11111110000110100101	10900	580015.24	202637.09	3959.46
10011010000110100111	9500	545302.98	201907.39	5709.17
01011110000110110101	9100	559958.16	191770.83	5720.64
10111110000110110101	11800	590282.42	190710.54	3710.93
10011110000110110111	12000	595671.82	188747.59	3547.03
01011110000110110111	11100	579653.92	192179.88	4528.68
00011110000110110111	10200	561848.94	191455.56	5602.51
11001100010110000100	7300	516802.08	185029.5	6701.32
10011010000111000101	9000	554683.44	175790.61	5684.76
10011000000111000101	8300	541166.52	171307.85	6349.58
11001100010110000101	8100	533893.7	189282.92	6014.05
01001010001000000101	5400	442051.14	153595.93	13481.81
100010100010000000101	6300	480104.4	156332.62	8827.6
00001000001000000101	3800	402216.68	114233.77	16639.22
00001010001000100101	5000	431187	163632.17	14070.5
10000010001001000100	6800	457038.5	135040.21	10668.25
11011010001011000101	11000	582007.42	170730.51	4676.43
10011010001011000101	10100	567290.4	168516.31	5235.6
01001110010110000100	6200	494245.88	189981.29	8467.02
01011000001011110101	10800	567669.66	177273.98	5924.39
11011010001101000101	10800	564091.18	181654.56	5098.47
01011011000100100110	8000	482290.08	219760.91	9489.32
10011010001110000101	8800	550695.6	179840.65	5276.4

11011010001110000101	9700	565689.7	183421.89	4671.05
11011100001110100011	11700	585061.4	182410.31	4198.1
10011110001110101101	11700	592409.18	195101.84	3361.47
01011010001110111101	11900	571591.1	198729.74	5623.15
11011010001111000001	11200	583861.02	171082.66	4648.83
10011010001111000100	10000	564440.64	178276.47	5125.56
10011010001111000101	10800	581072	172910.14	4515
11011010001111000101	11700	595789.02	173863.9	3955.83
10011110001111000101	11500	604597.9	166169.75	3470.35
11011000001111000101	11000	582272.1	173322.42	4620.65
10011000001111000101	10100	567555.08	169853.78	5179.82
01011010001111100101	10400	564859.68	195222.31	6200.72
11011000001111100101	11500	588076	184933.42	4325
01011000001111100101	9700	551342.76	192459.28	6865.54
01110010010000110110	10200	468620.82	214598.61	9973.53
11100111000000100101	8800	485783.98	216318.6	8574.67
01011000010000111101	8900	496988.42	210090.08	8004.93
10111000010000111101	11600	530681.5	216661.14	5433.75
11011101000100100100	7800	517091.6	208204.65	6468.4
00101100010010000100	5700	454297.84	157340.8	11423.36
11111100010010100100	9800	542022.48	207035.43	5446.92
00011100010010100100	5300	478793.18	176620.64	9153.47
11011100010010100100	8000	532483.96	197843.87	5680.34
00001000010010100111	6500	458892.28	171697.04	11348.62
01001000010011100001	6900	484792.62	174149.65	9841.23
00001000010011100101	6500	475715.84	171617.95	10755.36
01001000010011100101	7400	495176.22	185345.57	9405.63
000011000101000000100	3700	421436.36	143014.63	12979.94
10011110010100000101	7900	522625.48	197150.92	5943.42
11011110010100000111	10800	552547.5	208205.41	4940.75
11010100010100100100	7100	466068.24	199421.72	10041.96
01010100010100100100	5300	431594	184628.78	12206
01110010010100111101	11400	493429.76	240125.55	8975.04
01010110010100111101	10300	506567.24	230743.92	8305.46
11011111000100100101	9300	548107.18	219131.64	5048.47
10011111000100100101	8400	533113.08	214303.79	5653.82
11011111000100100111	11300	563035.1	221346.64	4651.15
10010110010100111101	11200	526052.6	222802.31	6745.9
00010110010100111101	9400	487362.04	218430.43	9612.66
01110100010101100100	9100	487393.08	208170.65	8563.82
01010100010101100100	7300	477472.6	198415.56	8860.9
11111100010101100100	11600	551060.24	213952.91	5677.96
01111100010101100100	9800	520228.36	213956.68	7234.94
11010110010101100100	9800	522663.62	213762.58	6498.73
01101100010110000000	6800	477904.78	171636.86	9663.87
10011110010110000100	8000	537691.96	191290.03	5411.34
11001110010110000100	8000	530779.26	194955.79	5959.79
00101100010110000100	6400	469464.84	172886.27	10471.86
00001100010110000100	4600	458841.64	159267.52	10886.06
10001100010110000100	6400	499591.34	172592.35	7676.11

01111100010110000100	8200	516703.38	199321.39	6989.77
10011100010110000100	7300	523714.78	182255.97	6152.87
01101100010110000100	7300	490189.18	187017.2	8911.47
01001100010110000100	5500	480268.7	176365.61	9208.55
11011110010110000110	10900	567613.98	199694.85	4408.67
00011110010110000111	9000	535309.02	198595.34	6478.83
01011110010110000111	9900	553114	203113	5405
11011110010110000111	11700	584245.34	194077.62	3798.11
01001100010110010100	7300	508085.38	179019.04	7928.77
10001100010110010100	8200	527408.02	175531.96	6396.33
01001100010110100100	6000	485206.44	191482.12	9057.26
01010010010110100100	6200	460222.7	194636.21	10286.55
00110010010110100100	7100	452757.96	191185.54	10993.34
10010010010110100100	7100	475516.52	184766.87	9425.58
00010010010110100100	5300	438966.52	174239.15	11935.58
01110010010110100100	8000	472784.38	208615.44	9549.27
00010110010110100100	6000	466671.72	186145.89	10194.38
01011110010110101110	11300	553265.72	222780.8	5379.38
00111110000110000111	9700	540024.2	197609.97	6568.3
10111110000110000111	11500	575130.66	194545.35	4298.89
00011101000110100101	6800	511417.18	197977.8	8240.47
10111110000110100011	11500	569565.46	199262.87	4603.09
01100011000100100111	9000	445364.26	219363.44	12520.29
11011111000110100101	10200	579805.02	205566.39	3905.83
00011111000110100111	9500	546035.3	212274.04	6149.45
01011111000110100111	10400	563840.28	213568.04	5075.62
01001010011111100100	9800	529738.82	201726.94	7876.53
01011010011111100100	10700	557406.82	212248.99	5762.53
00011100100000000110	6500	480313.76	162332.43	8966.04
11011110100000001100	9600	538449.02	198524.39	5738.83
00011100100010000100	5400	490650.24	152976.66	9292.96
11011100100010000100	8100	544731.38	172198.39	5754.77
01011100100010000110	8300	530223.62	178610.8	6681.73
00011100100010000110	7400	512418.64	167965.47	7755.56
11011100100010010110	11900	588114.5	174001.09	3971.25
01011100100010100100	6800	517185.32	184086.11	7435.78
01111111010100000101	9900	522461.92	223473.75	6906.68
11111111010100000101	11700	556434.86	219412.44	4826.19
01011010100011100101	9600	554950.06	191881.37	6315.99
01111010100011100101	11400	568021.02	197986.18	5493.83
10011110100011100101	11200	598278.9	176919.5	3658.85
11111110100100000100	10400	549923.8	204440.86	5269.7
00011110100100000100	5900	488977.86	177973.14	8595.69
01111110100100001100	10300	530685.08	216217.68	6383.82
10111110100100001100	11200	548298.98	206186.55	5136.17
01011110100100001100	8500	520764.6	208388.17	6680.9
11011110100100001100	10300	552230.62	206476	5018.23
10011110100100001100	9400	538760.46	198101.21	5369.59
00111110100100001100	9400	513701.32	206149.11	7320.78
01011110100100110111	11900	576161.68	213591.26	4238.72

01011110100110000111	10500	576268.92	194238.02	4333.18
11011110100110001100	11200	584335.5	192355.5	3807.75
01011010100110001111	11500	562821.96	209088	5187.34
01011100100110100011	9800	557306.14	193523.69	5282.31
11011100100110100011	11600	584967.32	187876.25	4253.78
01011110100110100111	11000	581206.66	202392.78	4181.89
10011110100110110101	11700	604207.1	180762.46	3302.15
01010100100111010101	10900	569274.44	178302.81	5334.26
01110011000000100101	7200	444315.48	205407.9	11525.42
10011010101010100101	10300	568919.38	188296.67	4602.77
01111010101010100101	11200	563253.78	205715.51	5215.37
10011110010110000111	10800	569251.24	194220.9	4403.46
10011010101011100100	11500	582664.42	183913.8	4451.93
01011010101011100101	11400	581074.5	189340.83	5190.25
00101111000010101101	9400	515976.46	216973.14	7840.59
01101111000010101110	11500	536024.62	221072.77	6322.23
01011010101111000101	11600	586226.5	182198.6	5236.25
01111100110000100100	8800	506698.52	209105.83	6880.58
01011100110000111101	11300	552969.18	217871.33	4819.47
01011000110000111101	10600	527861.62	218702.68	6127.73
11011100110010000100	9200	548390.48	179593.72	5625.92
01001100110010000101	7300	511275.04	173883.47	7894.16
01011100110010000100	7400	518533.18	179166.34	7020.47
10011100110010100000	8300	530569.46	176839.64	6079.09
01111000110010100100	9000	515876.78	200574.89	6614.87
00011100110010100100	7000	507350.14	182354.01	7662.31
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01011100110010100100	7900	526209.2	194577.13	6412.8
11111100110010100100	11500	565485.68	200550.13	4804.72
11011100110010100100	9700	555947.16	194280.81	5038.14
01111100110010100100	9700	538803.4	203557.78	5670.1
00011100110010100101	7800	526606.2	188441.87	6614.3
00001100110010100100	6100	476679.74	168600.93	10276.71
01011100110010100101	8700	545465.26	196667.71	5364.79
01011100110010101100	9600	538997.98	209309.19	5770.67
01011100110011100100	9900	556308.52	198044.77	5697.58
01011000110100111101	11300	539414.22	227625.14	5778.63
11101111000100100100	9400	518700.5	223319.84	6647.25
01011110110110000111	11600	581319.6	198790.11	3972.4
01011011100110001101	10600	553611.18	211302.28	5899.47
00011011100110001111	11700	557025.9	214747.24	5527.35
00011100110110100100	7700	521067.18	193801.63	6952.47
01001000110110101101	9500	520233.52	211022.71	7262.08
01111010110111100000	11900	561073.26	210397.19	5252.79
01011100110111100101	11400	587117.18	198960.43	4300.47
01111011000000100000	6600	453907.88	189339.45	10614.02
100011000000110100011	8100	522386.58	183919.99	7024.57
10111011000000100111	10800	524069.84	224374.46	6155.36
000110100000001000001	5100	445872.04	136334.62	13226.66
10111101000000100100	8000	500592.74	201127.89	7104.55

01110011000100100100	7100	36841.4	205353.59	12186.1
11110011000100100100	8900	477158.74	215382.16	9048.21
00110011000100100111	9000	456901.22	217596.26	11201.13
01111111000000000000	6800	466249.32	179071.24	10761.78
01111000001111100101	11500	563112.08	198605.33	6260.32
01001010111111100100	11500	557351.62	200844.09	6542.73
10011011000000000000	5200	454436.48	142754.01	10185.92
00011011000000000000	3400	399041.62	121383.52	15836.73
01011011000000000000	4300	427299.38	145013.62	13020.77
01111011000000000000	6100	442792.78	165730.29	11794.87
11011011000000000000	6100	471262.26	161723.17	9275.29
01010011000000000100	4100	400309.06	146522.6	14670.49
10011001000000000000	4500	428165.06	121597.45	12976.49
01011001000000000000	3600	402345.38	122682.55	15591.77
010110110000000000001	5100	444541.3	159637.15	12308.45
00111011000000000000	5200	419454.06	145067.35	13790.99
100110110000000000001	6000	473510.08	157354.92	9168.32
1001101100000000000100	5700	471708.8	163206.33	8602.2
10111111000000100000	8200	499865.8	199951.65	7518.7
10011111000000100000	6400	490327.28	185150.57	7752.12
11011111000000100000	7300	507153.06	197699.62	6841.49
11111111000000100000	9100	516691.58	209533.54	6608.07
11010011000000100100	6400	453639.9	187365.05	10035.35
01010011000000100100	4600	410273	170390.56	13681.5
01110011000000100100	6400	425502.28	190334.43	12499.62
01100111000000100111	9000	458763.46	214741.67	11587.09
00010011000000100100	3700	379847.02	145676.67	16858.83
01111111000000100000	7300	476374.24	198327.26	9745.96
01000111000000100111	7200	446175.38	203883.72	12328.77
10010011000000100100	5500	434760.68	167312.1	11288.22
11101111000000100111	11500	539623.5	224646.14	5835.75
10011011000000100111	9000	511890.12	211338.82	6828.98
01001111000000101101	7600	483635.5	219628.89	9627.75
01111011000000100111	9900	503514.44	226869.16	7893.26
11000111000000100111	9000	492343.74	215093.19	8215.71
10001111000000101111	10500	528460.16	228002.89	5935.64
01000111000000101111	8900	465590.02	224124.26	10582.33
01010011000000101100	6300	422118.34	193315.42	13196.61
00101111000000101111	10500	499638.3	231809.77	8513.95
11111111000000101000	10800	528536.92	218641.25	6123.18
110011110000001001101	10900	549545.04	199573.22	5854.16
000011110000001101101	8700	504347.54	207617.93	8583.41
110011110000001101101	11400	557101.72	213866.8	5266.38
010011110000001101101	9600	522034.02	215651.01	7529.33
010111110000001101101	10500	543940.82	217463.83	6375.53
010001110000001101101	8900	489198.74	214595.93	8858.21
10011011000010000000	6100	492004.48	156522.18	8064.92
00011011000010000000	4300	447911.34	142456.7	11832.11
010101010000100000001	5300	456909.52	157285.37	11532.08
11111101000010000110	11300	555062.92	198868.46	5479.18

11011101000010001110	11200	557676.58	200031.82	5176.57
01011111000010100000	6400	506086.24	191379.97	7577.96
10111111000010100000	9100	536291.16	200627.52	5588.14
10011011000010100100	7100	512028.68	189716.67	6694.22
00011111000010100101	6800	513890.78	197219.2	7839.87
01011111000010100101	7700	533101.2	203901.51	6531.8
01010011000010100100	5500	450698.92	178183.84	11084.18
11001111000010100111	10600	561782.82	206707.53	4926.53
10101111000010101101	11200	554768.6	217214.62	4956.9
00101111000010101111	11400	536374.94	223504.19	6531.51
01001111000010101111	10500	542735.5	220422.69	6008.75
01000111000010101111	9800	505608.9	217781.72	8052.85
10001111000010101111	11400	560158	216076.3	4793
01011111000010101111	11400	564642.3	219306.67	4854.95
11001111010100000101	9000	524989.54	214854.99	6213.41
01001111000011100001	8300	526895.52	191535.16	8075.08
10101111000011100101	11500	571775.72	196248.25	4934.38
11001111000011100101	10600	576954.22	194224.88	4608.63
10001111000011100101	9700	562237.2	192890.59	5167.8
01001111000011100101	8800	537279.12	197572.37	7639.48
01101111000011100101	10600	547199.6	200674.2	7342.4
10101011000011100101	10800	548155.56	195625.9	5994.74
10001101000011101101	10700	561812.48	201328.35	5139.92
11011011000100000000	6800	485043.86	178225.77	8554.69
10011011000100000000	5900	468218.08	160517.05	9465.32
100111110001000000101	7900	528294.68	198074.43	5785.22
111110110001000000111	11900	544894.66	217676.7	5482.89
10011111000100010011	11200	553195.22	194026.43	5787.13
10011111000100010111	11700	568432.34	203982.9	4542.61
11001111000100010111	11700	561519.64	210599.33	5091.06
01111011000100100011	10100	501888.88	222834.48	8445.52
01010011000100100100	5300	421612.12	188771.92	13367.98
10010011000100100100	6200	448466.2	182719.31	10580.3
11111101000100100100	9600	526630.12	216636.45	6234.98
10111011000100100111	11500	535113.16	229575.91	5891.14
00111011000100100111	9700	496752.78	228444.02	8702.87
01111011000100100111	10600	514557.76	235044.76	7629.04
11011011000100100111	10600	537927.54	224809.43	5959.41
01011011000100100111	8800	499328.48	225627.15	8810.92
10011011000100100111	9700	522933.44	219902.47	6564.76
00011001000100101110	8100	464184.04	207203.44	10514.66
00011011000100100111	7900	481523.5	216059.25	9884.75
11111101000100110100	11400	554601.42	210344.52	4929.43
11011101000100110100	9600	545062.9	206139.12	5162.85
00011101000100110100	6900	482485.58	184029.55	10117.07
10111111000100110100	11200	550822.94	213434.2	5253.51
10011101000100110100	8700	530068.8	196716.27	5768.2
10011101000100110101	9500	547107.2	201935.76	5089.8
11011111000101100101	11300	578206.5	204446.89	4333.25
01011111000101110101	11300	568348.54	198080.03	5750.91

10010101000110000001	6900	490559.4	165289.19	9188.1
00010101000110000001	5100	450682.58	153152.76	12252.57
01010101000110000001	6000	471411.72	171526.52	10691.38
11000101000110000001	6900	485165.42	172930.08	9483.43
00000101000110000001	4200	421951.74	139983.88	14543.71
01010101000110000101	6500	483220.92	187002.06	10018.18
00111111000110000101	8800	530738.9	202108.17	7292.85
10011101000110000001	7600	534666.4	179951.6	5980.6
00011101000110000101	6300	506598.78	184841.28	8371.87
11011111000110000101	9700	574986.62	196834.54	4037.23
11011101000110011100	11700	584194.72	191248.51	3598.88
01111101000110100011	11000	549860.24	207770.11	5878.96
11001011000110100100	7800	514774.74	203654.94	7209.21
01010111000110100101	7700	505847.56	207168.54	8506.74
10011111000110100101	9300	564810.92	204805.46	4511.18
00111111000000100000	6400	455220.78	184084.43	11377.87
00011111000110100101	7500	524934.1	205502.06	7575.65
01111111000110100101	10200	554065	214696.24	5970.5
01011111000110100101	8400	544144.52	210923.93	6267.58
11111111000110100101	12000	589343.54	206627.37	3672.41
00010111000110100101	6800	485118.42	195986.27	10067.93
11011011000110100111	11500	569625.38	210963.78	4816.77
01111111000110101101	11900	565910.34	222242.8	5485.61
01001111000110101111	11200	553778.82	225718.31	5744.53
11011111000110110101	12000	605014.76	190412.93	3060.54
00011111000110110101	9300	550143.84	193896.74	6730.36
10011111000111001001	12000	591651.92	183911.53	3861.68
01011101000111001010	11600	559448.44	201141.22	5882.26
11011101000111001100	11900	586629.58	196224.96	4138.07
10011101000111010100	11100	587731.68	174318.83	3927.72
11011101000111010100	12000	602448.7	179260.41	3368.55
00111111000111100101	11300	566526.5	200726.05	6301.25
01011111000111100101	10400	574836.64	201389.23	5453.56
00011111000111100101	9500	555903.3	198594.84	6715.45
10011111000111100101	11300	595187.32	190517.15	3749.78
01011011001000000100	6600	469128.58	179640.66	10572.57
10000011000000100100	4600	407867.28	149674.35	13273.12
01111111000000100001	8100	493616.16	205855.45	9033.64
01011001001100101100	8800	486893.76	212251.64	9761.04
01111011001100101100	11300	515001.02	237645.94	8020.83
01111001001100101100	10600	501330.68	224720.67	8711.22
01011011001100101100	9500	500564.1	226513.13	9070.65
10011001001100101100	9700	516790.5	204666.37	6466.25
11111011000100100101	10400	535179.34	227127.23	5683.11
01111011000100100101	8600	494862	225822.85	8821
10111011000100100110	10700	518074.76	226082.89	6569.54
00011111001110100101	9300	548491.38	200155.94	6877.77
11011111001110100101	12000	603362.3	190275.09	3207.95
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01011111010000000101	7400	498759.84	203497.52	7924.36
11011111010000000101	9200	533114.74	206382.13	5780.21
01010011010000100100	5700	422892.56	189952.33	12059.24
10000111010000100111	9200	476390.6	216302.18	9461.9
01100111010000100111	10100	464742.22	228512.94	11071.63
01110011010000110110	11300	478016.92	226003.68	9675.18
01011000000110100011	7400	503838.36	188096.9	8048.94
00000111000000100111	6300	423803.8	189561.56	14163.7
11001101010010000101	8500	529388.86	193897.34	6456.19
01001101010010000101	6700	493094.16	189471.8	8923.64
01010111010100000101	7400	473629.84	212305.01	9545.36
10001101010011110001	11400	569300.66	183220.98	4944.89
11011111010100000100	9100	529857.94	214545	5738.01
10011111010100000100	8200	514863.84	203843.69	6343.36
10111111010100000101	10800	541440.76	215675.57	5431.54
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00001111010100000101	6300	461967.38	197743.05	11241.77
01011111010100000111	10100	528264	222312.74	6674
01111111010100000111	11900	538184.48	227846.43	6376.92
11011111010100000111	11900	561824.26	216129.33	4662.29
11010111010100000101	9200	507984.74	215659.32	7401.21
11011111010100000101	9900	546896.34	213915.28	5059.61
01011111010100000101	8100	512541.44	215265.26	7203.76
10011111010100001101	10700	545271.52	216915.05	4926.08
11011111010100010101	11700	571951.46	210264.74	4240.09
11011111010100100101	10400	551714.74	227006.05	4928.21
10011111010100100101	9500	536720.64	222515.15	5533.56
01111011010100100111	11700	520536.52	244366.94	7113.58
10011011010100100111	10800	526541	226323.59	6444.5
01100111010100101110	11700	478161.78	241906.31	9739.37
01011101010100110100	8900	514160.94	212149.46	7212.51
11011101010100110100	10700	548515.84	216154.09	5068.36
00001101010100110100	7100	463586.88	189190.88	11250.52
01110101010101100100	10200	496789.18	219536.06	8265.47
10111101010110000001	10500	547812.48	196462.97	5626.92
01011111010110000101	9000	546906.88	211739.29	5616.52
01001111010110000111	10100	536115.24	215724.39	7008.46
00011111010110100101	8600	532514.86	215184.46	6793.19
11010111010110100101	10600	545115.62	216036.97	6024.73
01001001010110101101	8900	501654.78	222841.84	8357.87
11011100000110000111	9900	567069.32	187080.31	4591.78
01001111010111001101	11800	567537.54	214809.02	5471.41
11111101011000100100	11800	542751.64	218242.76	5681.06
11011101011001100100	12000	563312.44	201178.06	5199.26
10011101011001100100	11100	548595.42	196489.32	5758.43
01011110000110000011	8300	535980.7	185753.13	6484.55
11011110000110000011	10100	568658.24	184454.55	4619.96
10111101011010100100	11800	559862.42	209377.39	5075.93
00011110000110000110	7100	513420.82	185882.16	7484.53

01000111011100101110	11700	492413.22	232830.84	9236.13
01011101010100000101	7400	499024.52	204250.69	7868.58
10011101010100000101	8300	518385.32	197371.19	6329.78
11011101010100000101	9200	533379.42	206590.1	5724.43
10111111000110100101	11100	574349.44	208833.6	4277.76
00111111000110100101	9300	535557.3	212241.53	7161.45
00011111100000100000	6300	478193.34	180409.16	9461.11
01001111100001101101	11300	549646.82	218793.84	6195.53
11001101100010000101	9100	549244.5	181776.61	5934.25
01001101100010000101	7300	513719	180644.47	8273.5
00011111010100000101	7200	493331.02	203900.29	8511.83
10011111010100000101	9000	531902.24	207211.25	5664.96
01011011100100001111	11700	541609.1	231657.04	5850.15
11011101100100110100	11300	568526.1	206111.95	4520.65
11010001000000100100	5700	431566.62	168555.57	12126.23
01011101100100110100	9500	537608	205400.72	6092
10011101100110000001	9300	558129.6	176822.43	5338.4
11011111100110000100	10600	581818.46	193895.8	4005.59
00111011100110000111	11800	556482.42	209616.64	5484.93
10011111100110001001	11700	585015.8	187471.29	3934.7
00011111100110001001	9900	550232.74	196784.82	6150.21
00111011100110001101	11500	549453.22	211004.72	6055.13
10011111100110010100	11500	592034.1	179635.59	3765.65
01011111100110100101	10100	572350.12	207519.57	4834.98
01001001100110101101	9500	522279.62	215170.04	7707.73
01011111100111000001	11100	585821.84	185874.7	4924.36
10011111100111000001	12000	602022.92	169432.69	3912.18
01001111100111001001	11900	575760.38	195713.81	5593.27
00011111100111100101	11200	583867.46	192135.72	5323.09
01010011000000100101	5400	429086.2	187814.63	12707.3
11010011000000100101	7200	472453.1	200769.22	9061.15
11011111101010000001	12000	596416.3	171210.36	4090.95
01011111101010010100	11700	585088.86	180361.4	4887.19
01011101101011000001	11500	582080.6	171971.22	5611.9
01111110010110000111	11700	563034.48	206827.39	5107.92
00001111000010101111	9600	526454.46	217956.92	6828.59
01011001101100101100	10500	522805.76	223583.73	7044.04
11001011000100100111	9700	514636.18	222130.38	7343.97
01010111000000100000	4800	424874.56	163207.5	12829.24
01011101110000110110	11900	549713.38	213066.88	5069.77
11010111000000100100	7100	481113.86	200681.9	8332.69
01001101110010000101	8400	521299.76	190417.14	7491.04
00011101110010100100	8100	519419.96	195433.99	6918.34
01011111110100000101	9800	543414.64	217081.7	5326.56
11011111110100000101	11600	570359.54	208417.17	4417.41
01001001110100101111	11700	513885.1	240283.73	7538.15
11000110010100111101	11200	519134.68	231400.08	7295.22
10111100110010100100	10600	550491.58	195955.11	5410.07
01001001110110101101	10600	529860.38	223751.95	6925.27
01011001110110101101	11500	553151.74	227587.83	5540.71

01001101110110101101	11300	556352.5	225086.12	5386.25
00000100010110000100	3900	414734.64	136549.07	14093.56
01001111110111000101	11800	578697.6	197824.96	5390.4
01011011000000100000	4800	438678.6	170158.1	11795.9
11011011000000100000	6600	482045.5	186143.95	8149.75
11011011000000100100	7100	494917.9	201799.99	7299.35
01011011000000100100	5300	451551	189529.79	10945.5
01001011111100100110	11700	517402.52	232132.18	8117.58
11010011000100100100	7100	464979.02	201511.82	9721.83
01011111000000000000	5000	453661.24	162990.67	11503.46
11011111000000000000	6800	497028.14	177631.98	7857.31
01011001111110101000	12000	552107.8	218322.89	5486.7
00001111000110100101	6600	496203.26	203122.04	9866.79
01011110100110110101	10800	588163.76	188821.86	4288.04
00011110100110110111	11900	590054.54	189039.05	4169.91

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Ω	f1	f2	f3	f4
01011010000000000000	3200	412273.48	123675.61	14257.42
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01000000000000000010	2900	294537.68	63006.36	27741.72
10011010000000000000	4100	444398.08	124521.56	10591.32
110000000000000000100	3200	361210.76	99748.31	19415.54
010010100000000000101	3600	414606.1	142548.94	14827.65
100000000000000000110	4300	365252.6	97694.38	18938.9
000000000000000000110	2500	287875.84	66869.7	28253.36
010000000000000000110	3400	328051.76	95471.61	23451.04
000100010001100000001	4400	415525.5	134995.86	15235.75
11111110000000100000	8000	507363.28	198904.64	6895.12
10111110000000100000	7100	490537.5	187975.27	7805.75
00011111000000100000	4600	441929.98	166572.02	12236.67
01011111000000100000	5500	463786.16	183782.01	10487.64
00010010000000100100	2600	361921.62	124754.9	18578.73
11010010000000100100	5300	442160.36	172243.8	10680.94
10010010000000100100	4400	423281.14	150843.37	11933.81
01011010000001000000	5200	450672	142899.53	12159
010110000000001000000	4500	425718	125052.72	14730
00011010000001000000	4300	422691.32	120549.43	14928.78
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01011110000001000000	5900	478102.52	156273.1	10463.58
11011110000001000000	7700	517680.36	167986.36	7448.94
000010100000010000001	4200	411950.06	116065.45	16382.99
10011010000001000100	6600	492165.6	157186.69	8226.4
10011110000001000000	6800	501131.66	154504.18	8313.39
01011010000001000100	5700	466231.44	162346.52	10860.76
11001110000001101101	10300	547773.42	206520.8	5553.43
00011100000010000110	5700	484006.88	159226.2	9222.52
010111100000010000111	8100	533617.82	185967.89	6597.03
010111000000010000110	6600	501811.86	171853.41	8148.69
110111000000010100011	9200	550460.8	187118.17	5160.2
010111000000010100011	7400	517393.32	181216.47	7089.78
000010000000010100111	5400	453686.98	159903.91	11735.17
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100110100000011000000	7000	512342.48	151636.51	7708.92
110110100000011000000	7900	527059.5	165258.75	7149.75
11101111010100000101	10800	534528.06	220927.73	5979.99
010010000000011100101	6300	485997.72	171890.9	10454.38
010111000000100100011	7200	487256.4	187606.12	9548.6
110111000000100100011	9000	527521	196578.24	6419.5
010110100000100100111	7700	488334.64	213197.73	9375.56
110110100000100100111	9500	528599.24	216833.05	6246.46
100110100000100100111	8600	513605.14	210578.61	6851.81
111110100000100100111	11300	540778.96	225404.03	5572.84

10111010000100100111	10400	525784.86	222116.75	6178.19
00111010000100100111	8600	485758.94	216531.82	9267.51
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01011100000100110100	6700	492299.9	187583.18	9107.35
10111100000100110100	9400	530330.56	198328.93	5813.24
10011110000100110111	11100	563973.98	209907.93	4689.67
11010100000110000001	6700	497625.12	163735.96	8636.48
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00011100000110000011	6700	504658.8	167783.63	8223.2
01011110000110000101	6800	528212.94	188571.81	6983.51
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10011110000110000111	9700	565592.14	189791.99	4532.31
01011110000110000111	8800	547908.7	194999.89	5791.55
11011110000110000111	10600	580586.24	189985.66	3926.96
01111110000110000111	10600	557829.18	199497.42	5494.47
00011110000110000111	7900	530103.72	190145.28	6865.38
10101100000110000100	7100	505470.76	172331.97	7571.54
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11011110000110000101	8600	565658.32	188391.01	4324.28
01011110000110001111	10500	560991	204885.19	5100.5
11011110000110010101	10400	590919.6	182380.6	3470.4
10011110000110010111	11500	590853.42	182674.75	3678.43
11011100000110100001	7900	546576.2	190606.68	5293.3
11011100000110100010	9100	544412.5	190626.19	5583.25
11011100000110100011	9900	561504.12	192133.41	4895.98
00110010000110100100	6000	443476.38	174181.79	12059.27
01110010000110100100	6900	463502.8	191948.64	10615.2
00011100000110100011	7200	511140.94	182846.46	7814.51
11111100000110100011	11700	571042.64	195096.65	4662.56
10011100000110100011	9000	546510.02	189174.51	5501.33
01111110000110100111	11100	562766.92	207011.16	5343.18
10011100000110100001	7000	531582.1	183519.91	5898.65
11001110000110101011	11400	564959.58	201716.44	4900.07
01011100000110100011	8100	528945.92	190466.3	6740.68
01111110000110100101	9100	543071.16	206252.92	6535.14
11111110000110100101	10900	580015.24	202637.09	3959.46
10011010000110100111	9500	545302.98	201907.39	5709.17
01011110000110110101	9100	559958.16	191770.83	5720.64
10111110000110110101	11800	590282.42	190710.54	3710.93
10011110000110110111	12000	595671.82	188747.59	3547.03
01011110000110110111	11100	579653.92	192179.88	4528.68
00011110000110110111	10200	561848.94	191455.56	5602.51
11001100010110000100	7300	516802.08	185029.5	6701.32
10011010000111000101	9000	554683.44	175790.61	5684.76
10011000000111000101	8300	541166.52	171307.85	6349.58
11001100010110000101	8100	533893.7	189282.92	6014.05
01011010000111000101	8100	532070.52	187185.3	7765.58
10001100010110000101	7200	516682.96	180843.05	6988.84
01001100010110000101	6300	497360.32	184638.93	8521.28

01001010001000000100	4600	422104.48	141850.24	14644.92
01001010001000000101	5400	442051.14	153595.93	13481.81
10001010001000000101	6300	480104.4	156332.62	8827.6
00001000001000000101	3800	402216.68	114233.77	16639.22
00001010001000100101	5000	431187	163632.17	14070.5
11001010001000100101	7700	505230.32	189790.97	7205.28
10000010001001000100	6800	457038.5	135040.21	10668.25
00011001000100101100	6100	442555.8	189409.97	12028.7
11011010001011000101	11000	582007.42	170730.51	4676.43
10011010001011000101	10100	567290.4	168516.31	5235.6
01001110010110000100	6200	494245.88	189981.29	8467.02
01011000001011110101	10800	567669.66	177273.98	5924.39
11011010001101000101	10800	564091.18	181654.56	5098.47
01011011000100100110	8000	482290.08	219760.91	9489.32
01011011000100101111	10500	511173.82	240572.14	8326.03
10011010001110000101	8800	550695.6	179840.65	5276.4
11011010001110000101	9700	565689.7	183421.89	4671.05
11011100001110100011	11700	585061.4	182410.31	4198.1
10011110001110101101	11700	592409.18	195101.84	3361.47
01011010001110111101	11900	571591.1	198729.74	5623.15
11011010001111000001	11200	583861.02	171082.66	4648.83
10011010001111000100	10000	564440.64	178276.47	5125.56
10011010001111000101	10800	581072	172910.14	4515
11011010001111000101	11700	595789.02	173863.9	3955.83
10011110001111000101	11500	604597.9	166169.75	3470.35
11011000001111000101	11000	582272.1	173322.42	4620.65
10011000001111000101	10100	567555.08	169853.78	5179.82
11010111000110100101	9500	541508.06	206515.29	6144.99
01011010001111100101	10400	564859.68	195222.31	6200.72
11011000001111100101	11500	588076	184933.42	4325
01011000001111100101	9700	551342.76	192459.28	6865.54
01110010010000110110	10200	468620.82	214598.61	9973.53
11100111000000100101	8800	485783.98	216318.6	8574.67
01011000010000111101	8900	496988.42	210090.08	8004.93
10111000010000111101	11600	530681.5	216661.14	5433.75
11011101000100100100	7800	517091.6	208204.65	6468.4
00101100010010000100	5700	454297.84	157340.8	11423.36
01101100010010000100	6600	476407.58	172732.17	9632.07
11111100010010100100	9800	542022.48	207035.43	5446.92
00011100010010100100	5300	478793.18	176620.64	9153.47
11011100010010100100	8000	532483.96	197843.87	5680.34
00001000010010100111	6500	458892.28	171697.04	11348.62
00001000010010100101	4500	437912.28	156125.59	12754.62
11001000010010100101	7200	500945.9	182703.81	7724.35
10011100010010100100	7100	517489.86	188299.81	6285.69
00011000010010100111	7400	490069.68	187339.12	8649.72
01001000010011100001	6900	484792.62	174149.65	9841.23
00001000010011100101	6500	475715.84	171617.95	10755.36
01001000010011100101	7400	495176.22	185345.57	9405.63
11001100010011110001	11200	574740.92	181231.32	4664.18

00001100010100000100	3700	421436.36	143014.63	12979.94
10011110010100000101	7900	522625.48	197150.92	5943.42
11011110010100000101	8800	537619.58	205202.43	5338.07
11011110010100000111	10800	552547.5	208205.41	4940.75
11010100010100100100	7100	466068.24	199421.72	10041.96
01010100010100100100	5300	431594	184628.78	12206
01110010010100100100	7100	435246.02	208529.16	11665.33
01110100010100100100	7100	441904.6	198992.13	11843.9
11110010010100100100	8900	469338.3	218989.62	9564.95
01110010010100111101	11400	493429.76	240125.55	8975.04
01010110010100111101	10300	506567.24	230743.92	8305.46
11011111000100100101	9300	548107.18	219131.64	5048.47
10011111000100100101	8400	533113.08	214303.79	5653.82
11011111000100100111	11300	563035.1	221346.64	4651.15
10010110010100111101	11200	526052.6	222802.31	6745.9
00010110010100111101	9400	487362.04	218430.43	9612.66
01110100010101100100	9100	487393.08	208170.65	8563.82
01010100010101100100	7300	477472.6	198415.56	8860.9
11111100010101100100	11600	551060.24	213952.91	5677.96
01111100010101100100	9800	520228.36	213956.68	7234.94
11010110010101100100	9800	522663.62	213762.58	6498.73
00010100010101100100	6400	457020.54	178271.16	10375.91
01011100010101100100	8000	510307.88	206340.25	7532.02
11010100010101100100	9100	508686.44	205827.41	7240.26
01101100010110000000	6800	477904.78	171636.86	9663.87
10011110010110000100	8000	537691.96	191290.03	5411.34
11001110010110000100	8000	530779.26	194955.79	5959.79
00101100010110000100	6400	469464.84	172886.27	10471.86
00001100010110000100	4600	458841.64	159267.52	10886.06
10001100010110000100	6400	499591.34	172592.35	7676.11
01111100010110000100	8200	516703.38	199321.39	6989.77
10011100010110000100	7300	523714.78	182255.97	6152.87
01101100010110000100	7300	490189.18	187017.2	8911.47
01001100010110000100	5500	480268.7	176365.61	9208.55
11011110010110000110	10900	567613.98	199694.85	4408.67
00011110010110000111	9000	535309.02	198595.34	6478.83
01011110010110000111	9900	553114	203113	5405
11011110010110000111	11700	584245.34	194077.62	3798.11
01001100010110010100	7300	508085.38	179019.04	7928.77
10001100010110010100	8200	527408.02	175531.96	6396.33
01001100010110100100	6000	485206.44	191482.12	9057.26
01010010010110100100	6200	460222.7	194636.21	10286.55
00110010010110100100	7100	452757.96	191185.54	10993.34
10010010010110100100	7100	475516.52	184766.87	9425.58
00010010010110100100	5300	438966.52	174239.15	11935.58
01110010010110100100	8000	472784.38	208615.44	9549.27
00010110010110100100	6000	466671.72	186145.89	10194.38
00001000010110100111	7200	471276.12	187226.04	10860.98
01110010010110101100	9700	484629.72	222875.87	9064.38
01011110010110101110	11300	553265.72	222780.8	5379.38

00011110010110101110	10400	536984.68	218508.06	6199.22
01010100010111101100	9900	521729.66	215190.21	7114.39
01001010000001000000	4300	417344.02	119909.06	15216.33
00111110000110000111	9700	540024.2	197609.97	6568.3
10111110000110000111	11500	575130.66	194545.35	4298.89
00011101000110100101	6800	511417.18	197977.8	8240.47
10111110000110100011	11500	569565.46	199262.87	4603.09
01100011000100100111	9000	445364.26	219363.44	12520.29
10111110000110100111	12000	579949.06	203548.52	4167.49
01011111000110100100	7600	527513.16	211827.6	6878.14
11011111000110100101	10200	579805.02	205566.39	3905.83
00011111000110100111	9500	546035.3	212274.04	6149.45
01011111000110100111	10400	563840.28	213568.04	5075.62
01001010011111100100	9800	529738.82	201726.94	7876.53
01011010011111100100	10700	557406.82	212248.99	5762.53
00011100100000000110	6500	480313.76	162332.43	8966.04
11011110100000001100	9600	538449.02	198524.39	5738.83
00101111000000100000	5500	422471.74	168565.81	14338.71
00011100100010000100	5400	490650.24	152976.66	9292.96
11011100100010000100	8100	544731.38	172198.39	5754.77
01011100100010000110	8300	530223.62	178610.8	6681.73
00011100100010000110	7400	512418.64	167965.47	7755.56
01011100100010000100	6300	509509.3	167749.86	8043.45
11011100100010010110	11900	588114.5	174001.09	3971.25
01011100100010100100	6800	517185.32	184086.11	7435.78
01111111010100000101	9900	522461.92	223473.75	6906.68
11111111010100000101	11700	556434.86	219412.44	4826.19
11011010010110000111	11000	558348.06	196714.12	5237.99
01011010100011100101	9600	554950.06	191881.37	6315.99
01111010100011100101	11400	568021.02	197986.18	5493.83
10011110100011100101	11200	598278.9	176919.5	3658.85
11111110100100000100	10400	549923.8	204440.86	5269.7
00011110100100000100	5900	488977.86	177973.14	8595.69
01111110100100001100	10300	530685.08	216217.68	6383.82
10111110100100001100	11200	548298.98	206186.55	5136.17
01011110100100001100	8500	520764.6	208388.17	6680.9
11011110100100001100	10300	552230.62	206476	5018.23
10011110100100001100	9400	538760.46	198101.21	5369.59
00111110100100001100	9400	513701.32	206149.11	7320.78
01011110100100110111	11900	576161.68	213591.26	4238.72
01100111000100100111	9700	469806.78	223552.43	11322.87
01011110100110000111	10500	576268.92	194238.02	4333.18
11011110100110001100	11200	584335.5	192355.5	3807.75
01011010100110001111	11500	562821.96	209088	5187.34
01011100100110100011	9800	557306.14	193523.69	5282.31
11011100100110100011	11600	584967.32	187876.25	4253.78
01011110100110100111	11000	581206.66	202392.78	4181.89
10011110100110110101	11700	604207.1	180762.46	3302.15
11011100010110000100	8200	538708.88	192752.72	5547.52
01010100100111010101	10900	569274.44	178302.81	5334.26

01110011000000100101	7200	444315.48	205407.9	11525.42
01011010110000111101	11300	539077.24	227562.05	5846.46
10011010101010100101	10300	568919.38	188296.67	4602.77
01111010101010100101	11200	563253.78	205715.51	5215.37
01011110101011000001	11100	584010.88	164905.96	5610.52
10011110010110000111	10800	569251.24	194220.9	4403.46
01011110101011100001	11600	593231.3	175423.01	4745.45
10011010101011100100	11500	582664.42	183913.8	4451.93
01011010101011100101	11400	581074.5	189340.83	5190.25
00101111000010101101	9400	515976.46	216973.14	7840.59
01101111000010101110	11500	536024.62	221072.77	6322.23
01011010101111000101	11600	586226.5	182198.6	5236.25
01111100110000100100	8800	506698.52	209105.83	6880.58
01011100110000111101	11300	552969.18	217871.33	4819.47
01011000110000111101	10600	527861.62	218702.68	6127.73
11011100110010000100	9200	548390.48	179593.72	5625.92
01001100110010000101	7300	511275.04	173883.47	7894.16
01011100110010000100	7400	518533.18	179166.34	7020.47
10011100110010100000	8300	530569.46	176839.64	6079.09
00011100110010100000	6500	496966.54	168759.37	8097.91
01111000110010100100	9000	515876.78	200574.89	6614.87
00011100110010100100	7000	507350.14	182354.01	7662.31
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01011100110010100100	7900	526209.2	194577.13	6412.8
11111100110010100100	11500	565485.68	200550.13	4804.72
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01111100110010100100	9700	538803.4	203557.78	5670.1
00011100110010100101	7800	526606.2	188441.87	6614.3
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01011100110010100101	8700	545465.26	196667.71	5364.79
01011100110010101100	9600	538997.98	209309.19	5770.67
01011100110011100100	9900	556308.52	198044.77	5697.58
11011100110011100100	11700	586046.48	190367.36	4322.92
01011000110100111101	11300	539414.22	227625.14	5778.63
11101111000100100100	9400	518700.5	223319.84	6647.25
01011110110110000111	11600	581319.6	198790.11	3972.4
01011011100110001101	10600	553611.18	211302.28	5899.47
00011011100110001111	11700	557025.9	214747.24	5527.35
00011100110110100100	7700	521067.18	193801.63	6952.47
01001000110110101101	9500	520233.52	211022.71	7262.08
01111010110111100000	11900	561073.26	210397.19	5252.79
01011100110111100101	11400	587117.18	198960.43	4300.47
01011010110111110000	11900	573566.7	195897.53	5170.55
01111011000000100000	6600	453907.88	189339.45	10614.02
10001100000110100011	8100	522386.58	183919.99	7024.57
10111011000000100111	10800	524069.84	224374.46	6155.36
00011010000001000001	5100	445872.04	136334.62	13226.66
10111101000000100100	8000	500592.7	201127.89	7104.55
01110011000100100100	7100	436841.4	205353.59	12186.1
11110011000100100100	8900	477158.74	215382.16	9048.21

00110011000100100111	9000	456901.22	217596.26	11201.13
01111111100000000000	6800	466249.32	179071.24	10761.78
01111000001111100101	11500	563112.08	198605.33	6260.32
01001010111111100100	11500	557351.62	200844.09	6542.73
10011011000000000000	5200	454436.48	142754.01	10185.92
00011011000000000000	3400	399041.62	121383.52	15836.73
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01111011000000000000	6100	442792.78	165730.29	11794.87
11011011000000000000	6100	471262.26	161723.17	9275.29
01010011000000000100	4100	400309.06	146522.6	14670.49
10011001000000000000	4500	428165.06	121597.45	12976.49
01011001000000000000	3600	402345.38	122682.55	15591.77
010110110000000000001	5100	444541.3	159637.15	12308.45
00111011000000000000	5200	419454.06	145067.35	13790.99
100110110000000000001	6000	473510.08	157354.92	9168.32
1001101100000000000100	5700	471708.8	163206.33	8602.2
101111111000000100000	8200	499865.8	199951.65	7518.7
100111111000000100000	6400	490327.28	185150.57	7752.12
110111111000000100000	7300	507153.06	197699.62	6841.49
111111111000000100000	9100	516691.58	209533.54	6608.07
110100110000000100100	6400	453639.9	187365.05	10035.35
010100110000000100100	4600	410273	170390.56	13681.5
011100110000000100100	6400	425502.28	190334.43	12499.62
011001110000000100111	9000	458763.46	214741.67	11587.09
000100110000000100100	3700	379847.02	145676.67	16858.83
011111111000000100000	7300	476374.24	198327.26	9745.96
010001110000000100111	7200	446175.38	203883.72	12328.77
100100110000000100100	5500	434760.68	167312.1	11288.22
111011111000000100111	11500	539623.5	224646.14	5835.75
100110110000000100111	9000	511890.12	211338.82	6828.98
010011110000000101101	7600	483635.5	219628.89	9627.75
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100011110000000101111	10500	528460.16	228002.89	5935.64
010001110000000101111	8900	465590.02	224124.26	10582.33
010100110000000101100	6300	422118.34	193315.42	13196.61
001011110000000101111	10500	499638.3	231809.77	8513.95
011101110000000101111	11600	500084.9	237627.89	8686.85
110011110000000101101	9400	527002.4	225225.77	5981.6
101111110000000100100	8700	514569.88	214274.29	6363.02
101001110000000101111	11600	498738.72	230618.45	8101.88
111111110000000101000	10800	528536.92	218641.25	6123.18
11001111000001001101	10900	549545.04	199573.22	5854.16
10001111000001100101	8800	530539.36	198581.04	6310.44
00001111000001101101	8700	504347.54	207617.93	8583.41
11001111000001101101	11400	557101.72	213866.8	5266.38
01001111000001101101	9600	522034.02	215651.01	7529.33
01011111000001101101	10500	543940.82	217463.83	6375.53
01000111000001101101	8900	489198.74	214595.93	8858.21
01001111000001101111	11600	541729.78	219697.54	6337.37

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01010101000010000001	5300	456909.52	157285.37	11532.08
00010101000010000001	4400	436180.38	137651.17	13093.27
11111101000010000110	11300	555062.92	198868.46	5479.18
11011101000010001110	11200	557676.58	200031.82	5176.57
01011111000010100000	6400	506086.24	191379.97	7577.96
10111111000010100000	9100	536291.16	200627.52	5588.14
11111111000010100000	10000	551285.26	206142.49	4982.79
10011011000010100100	7100	512028.68	189716.67	6694.22
00011111000010100101	6800	513890.78	197219.2	7839.87
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01010011000010100100	5500	450698.92	178183.84	11084.18
11001111000010100111	10600	561782.82	206707.53	4926.53
11010011000010100100	7300	486359.42	187853.32	8722.43
10101111000010101101	11200	554768.6	217214.62	4956.9
00101111000010101111	11400	536374.94	223504.19	6531.51
01001111000010101111	10500	542735.5	220422.69	6008.75
01000111000010101111	9800	505608.9	217781.72	8052.85
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01011111000010101111	11400	564642.3	219306.67	4854.95
11001111010100000101	9000	524989.54	214854.99	6213.41
01001111000011100001	8300	526895.52	191535.16	8075.08
10101111000011100101	11500	571775.72	196248.25	4934.38
11001111000011100101	10600	576954.22	194224.88	4608.63
10001111000011100101	9700	562237.2	192890.59	5167.8
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01101111000011100101	10600	547199.6	200674.2	7342.4
10101011000011100101	10800	548155.56	195625.9	5994.74
10001101000011101101	10700	561812.48	201328.35	5139.92
10001111000011110101	11500	587446.94	179478.23	4322.51
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10011011000100000000	5900	468218.08	160517.05	9465.32
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11111011000100000111	11900	544894.66	217676.7	5482.89
10011111000100010011	11200	553195.22	194026.43	5787.13
11011101000100010100	9100	540244.5	193966.92	5294.25
10011111000100010111	11700	568432.34	203982.9	4542.61
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01111011000100100011	10100	501888.88	222834.48	8445.52
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10010011000100100100	6200	448466.2	182719.31	10580.3
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00111011000100100111	9700	496752.78	228444.02	8702.87
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11011011000100100111	10600	537927.54	224809.43	5959.41
01011011000100100111	8800	499328.48	225627.15	8810.92
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00011001000100101110	8100	464184.04	207203.44	10514.66

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11011001000100101100	8800	504136.22	213572.1	7240.63
11111101000100110100	11400	554601.42	210344.52	4929.43
11011101000100110100	9600	545062.9	206139.12	5162.85
00011101000100110100	6900	482485.58	184029.55	10117.07
10111111000100110100	11200	550822.94	213434.2	5253.51
10011101000100110100	8700	530068.8	196716.27	5768.2
10011101000100110101	9500	547107.2	201935.76	5089.8
11011111000101100101	11300	578206.5	204446.89	4333.25
00001111000101101101	9400	515390.86	215040.25	8319.19
01011111000101110101	11300	568348.54	198080.03	5750.91
10010101000110000001	6900	490559.4	165289.19	9188.1
00010101000110000001	5100	450682.58	153152.76	12252.57
01010101000110000001	6000	471411.72	171526.52	10691.38
11000101000110000001	6900	485165.42	172930.08	9483.43
00000101000110000001	4200	421951.74	139983.88	14543.71
01010101000110000101	6500	483220.92	187002.06	10018.18
00111111000110000101	8800	530738.9	202108.17	7292.85
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00011101000110000101	6300	506598.78	184841.28	8371.87
11011111000110000101	9700	574986.62	196834.54	4037.23
01011111000110000101	7900	539326.12	201468.38	6398.98
11011101000110011100	11700	584194.72	191248.51	3598.88
01111101000110100011	11000	549860.24	207770.11	5878.96
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10011111000110100101	9300	564810.92	204805.46	4511.18
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00011111000110100101	7500	524934.1	205502.06	7575.65
01111111000110100101	10200	554065	214696.24	5970.5
01011111000110100101	8400	544144.52	210923.93	6267.58
11111111000110100101	12000	589343.54	206627.37	3672.41
00010111000110100101	6800	485118.42	195986.27	10067.93
11011011000110100111	11500	569625.38	210963.78	4816.77
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11011111000110110101	12000	605014.76	190412.93	3060.54
00011111000110110101	9300	550143.84	193896.74	6730.36
10011111000111001001	12000	591651.92	183911.53	3861.68
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11011101000111001100	11900	586629.58	196224.96	4138.07
10011101000111010100	11100	587731.68	174318.83	3927.72
11011101000111010100	12000	602448.7	179260.41	3368.55
00111111000111100101	11300	566526.5	200726.05	6301.25
01011111000111100101	10400	574836.64	201389.23	5453.56
00011111000111100101	9500	555903.3	198594.84	6715.45
10011111000111100101	11300	595187.32	190517.15	3749.78
01111101000010101110	11700	544261.08	220212.25	5858.82
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10000011000000100100	4600	407867.28	149674.35	13273.12

01111111000000100001	8100	493616.16	205855.45	9033.64
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01111011001100101100	11300	515001.02	237645.94	8020.83
01111001001100101100	10600	501330.68	224720.67	8711.22
01011011001100101100	9500	500564.1	226513.13	9070.65
10011001001100101100	9700	516790.5	204666.37	6466.25
11011001001100101101	11400	547452.48	213541.21	5410.92
11111011000100100101	10400	535179.34	227127.23	5683.11
01111011000100100101	8600	494862	225822.85	8821
10111011000100100101	9500	520185.24	221059.56	6288.46
10111011000100100110	10700	518074.76	226082.89	6569.54
11111011000100100110	11600	533068.86	232019.97	5964.19
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00011111001110100101	9300	548491.38	200155.94	6877.77
11011111001110100101	12000	603362.3	190275.09	3207.95
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10011011001111000101	11900	590991.6	177025.58	4129.4
01110111000110100101	9500	515768.04	213079.51	8209.66
01011011010000000000	5400	440514.92	162130.13	11299.18
10011111010000000101	8300	518120.64	198417.66	6385.56
01011111010000000101	7400	498759.84	203497.52	7924.36
11011111010000000101	9200	533114.74	206382.13	5780.21
01010011010000100100	5700	422892.56	189952.33	12059.24
10000111010000100111	9200	476390.6	216302.18	9461.9
01100111010000100111	10100	464742.22	228512.94	11071.63
01110011010000110110	11300	478016.92	226003.68	9675.18
01011000000110100011	7400	503838.36	188096.9	8048.94
00000111000000100111	6300	423803.8	189561.56	14163.7
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11011111010100000100	9100	529857.94	214545	5738.01
10011111010100000100	8200	514863.84	203843.69	6343.36
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01011111010100000111	10100	528264	222312.74	6674
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11011111010100000111	11900	561824.26	216129.33	4662.29
11010111010100000101	9200	507984.74	215659.32	7401.21
11011111010100000101	9900	546896.34	213915.28	5059.61
01011111010100000101	8100	512541.44	215265.26	7203.76
10011111010100001101	10700	545271.52	216915.05	4926.08
11011111010100010101	11700	571951.46	210264.74	4240.09
11011111010100100101	10400	551714.74	227006.05	4928.21
10011111010100100101	9500	536720.64	222515.15	5533.56
01111011010100100111	11700	520536.52	244366.94	7113.58
10011011010100100111	10800	526541	226323.59	6444.5
01100111010100101110	11700	478161.78	241906.31	9739.37

01000111010100101110	9900	468241.3	235298.28	10036.45
01011101010100110100	8900	514160.94	212149.46	7212.51
11011101010100110100	10700	548515.84	216154.09	5068.36
00001101010100110100	7100	463586.88	189190.88	11250.52
01110101010101100100	10200	496789.18	219536.06	8265.47
10111101010110000001	10500	547812.48	196462.97	5626.92
01011111010110000101	9000	546906.88	211739.29	5616.52
01001111010110000111	10100	536115.24	215724.39	7008.46
00011111010110100101	8600	532514.86	215184.46	6793.19
11010111010110100101	10600	545115.62	216036.97	6024.73
01001001010110101101	8900	501654.78	222841.84	8357.87
11011100000110000111	9900	567069.32	187080.31	4591.78
01001111010111001101	11800	567537.54	214809.02	5471.41
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01111111011000100100	10700	522755.88	227370.98	7020.02
11011101011001100100	12000	563312.44	201178.06	5199.26
10011101011001100100	11100	548595.42	196489.32	5758.43
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11011110000110000011	10100	568658.24	184454.55	4619.96
10111101011010100100	11800	559862.42	209377.39	5075.93
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01000111011100101110	11700	492413.22	232830.84	9236.13
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01011101010100000101	7400	499024.52	204250.69	7868.58
10011101010100000101	8300	518385.32	197371.19	6329.78
11011101010100000101	9200	533379.42	206590.1	5724.43
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10111111000110100101	11100	574349.44	208833.6	4277.76
00111111000110100101	9300	535557.3	212241.53	7161.45
00011111100000100000	6300	478193.34	180409.16	9461.11
00001111000000101101	6700	465949.02	208968.33	10681.83
01001111100001101101	11300	549646.82	218793.84	6195.53
11001101100010000101	9100	549244.5	181776.61	5934.25
01001101100010000101	7300	513719	180644.47	8273.5
00011111010100000101	7200	493331.02	203900.29	8511.83
10011111010100000101	9000	531902.24	207211.25	5664.96
01011011100100001111	11700	541609.1	231657.04	5850.15
11011101100100110100	11300	568526.1	206111.95	4520.65
11010001000000100100	5700	431566.62	168555.57	12126.23
01011101100100110100	9500	537608	205400.72	6092
10011101100110000001	9300	558129.6	176822.43	5338.4
11011111100110000100	10600	581818.46	193895.8	4005.59
00111011100110000111	11800	556482.42	209616.64	5484.93
10011111100110001001	11700	585015.8	187471.29	3934.7
00011111100110001001	9900	550232.74	196784.82	6150.21
00111011100110001101	11500	549453.22	211004.72	6055.13
10011111100110010100	11500	592034.1	179635.59	3765.65
01011111100110100101	10100	572350.12	207519.57	4834.98
00011111100110100101	9200	553491.06	204079.58	6084.49

01001001100110101101	9500	522279.62	215170.04	7707.73
01011111100111000001	11100	585821.84	185874.7	4924.36
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11111100010110000100	10000	548247.4	200117.4	5314.1
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00011111100111100101	11200	583867.46	192135.72	5323.09
11010011000000100000	5900	440767.5	166091.81	10885.75
01010011000000100101	5400	429086.2	187814.63	12707.3
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10010011000000100101	6300	455940.28	184713.55	9919.62
11011111101010000001	12000	596416.3	171210.36	4090.95
01011111101010010100	11700	585088.86	180361.4	4887.19
01011101101011000001	11500	582080.6	171971.22	5611.9
01111110010110000111	11700	563034.48	206827.39	5107.92
11001111000010101101	10300	558700.24	213636.58	4838.96
00001111000010101111	9600	526454.46	217956.92	6828.59
01011001101100101100	10500	522805.76	223583.73	7044.04
11001011000100100111	9700	514636.18	222130.38	7343.97
00001101110110101101	10400	539017.38	219556.87	6381.77
10001010101011100101	11400	576235.18	173015.52	5187.47
01010111000000100000	4800	424874.56	163207.5	12829.24
01011101110000110110	11900	549713.38	213066.88	5069.77
11010111000000100100	7100	481113.86	200681.9	8332.69
01001101110010000101	8400	521299.76	190417.14	7491.04
01011101110010000101	9300	547813.96	194891.73	5569.34
00011101110010100100	8100	519419.96	195433.99	6918.34
01011111110100000101	9800	543414.64	217081.7	5326.56
11011111110100000101	11600	570359.54	208417.17	4417.41
01001001110100101101	9700	498162.54	230787.57	8067.91
01001001110100101111	11700	513885.1	240283.73	7538.15
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10111100110010100100	10600	550491.58	195955.11	5410.07
01001001110110101101	10600	529860.38	223751.95	6925.27
01011001110110101101	11500	553151.74	227587.83	5540.71
01001101110110101101	11300	556352.5	225086.12	5386.25
01001011110110101101	11300	543377.3	229283.94	6260.45
00000100010110000100	3900	414734.64	136549.07	14093.56
01001111110111000101	11800	578697.6	197824.96	5390.4
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11011011000000100000	6600	482045.5	186143.95	8149.75
11011011000000100100	7100	494917.9	201799.99	7299.35
01011011000000100100	5300	451551	189529.79	10945.5
01001011111100100110	11700	517402.52	232132.18	8117.58
11010011000100100100	7100	464979.02	201511.82	9721.83
01011111000000000000	5000	453661.24	162990.67	11503.46
11011111000000000000	6800	497028.14	177631.98	7857.31
01011001111110101000	12000	552107.8	218322.89	5486.7
00001111000110100101	6600	496203.26	203122.04	9866.79
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00011110100110110111	11900	590054.54	189039.05	4169.91

10011010001111000001	10300	569144	167665.42	5208
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11011010000000000000	5000	461223.86	144838.2	9680.69
01000000000000000010	2900	294537.68	63006.36	27741.72
10011010000000000000	4100	444398.08	124521.56	10591.32
110000000000000000100	3200	361210.76	99748.31	19415.54
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100000000000000000110	4300	365252.6	97694.38	18938.9
000000000000000000110	2500	287875.84	66869.7	28253.36
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110010100000000000101	5400	469177.4	161132.53	9314.1
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10111110000000100000	7100	490537.5	187975.27	7805.75
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11010010000000100100	5300	442160.36	172243.8	10680.94
10010010000000100100	4400	423281.14	150843.37	11933.81
11011010000000100000	5500	472717.2	171847.53	8436.8
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01011010000001000000	5200	450672	142899.53	12159
01011000000001000000	4500	425718	125052.72	14730
00011010000001000000	4300	422691.32	120549.43	14928.78
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10011010000001000000	6100	474774.48	138991.87	9829.92
01011110000001000000	5900	478102.52	156273.1	10463.58
11011110000001000000	7700	517680.36	167986.36	7448.94
00001010000001000001	4200	411950.06	116065.45	16382.99
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11001110000001101101	10300	547773.42	206520.8	5553.43
00011100000010000110	5700	484006.88	159226.2	9222.52
010111100000010000111	8100	533617.82	185967.89	6597.03
010111000000010000110	6600	501811.86	171853.41	8148.69
110111000000010100011	9200	550460.8	187118.17	5160.2
010111000000010100011	7400	517393.32	181216.47	7089.78
000010000000010100111	5400	453686.98	159903.91	11735.17
010010000000010100111	6300	474539.84	172468.09	10153.36
100110100000011000000	7000	512342.48	151636.51	7708.92
110110100000011000000	7900	527059.5	165258.75	7149.75
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01011010000100100111	7700	488334.64	213197.73	9375.56
11011010000100100111	9500	528599.24	216833.05	6246.46
10011010000100100111	8600	513605.14	210578.61	6851.81
11111010000100100111	11300	540778.96	225404.03	5572.84
10111010000100100111	10400	525784.86	222116.75	6178.19
00111010000100100111	8600	485758.94	216531.82	9267.51
11011110000100110011	11500	566299.2	202855.2	4900.8
010111100000100110100	6700	492299.9	187583.18	9107.35
101111100000100110100	9400	530330.56	198328.93	5813.24
10011110000100110111	11100	563973.98	209907.93	4689.67
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00011100000110000011	6700	504658.8	167783.63	8223.2
01011110000110000101	6800	528212.94	188571.81	6983.51
01011110000110000110	8000	531225.8	194734.05	6410.7
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01011110000110000111	8800	547908.7	194999.89	5791.55
11011110000110000111	10600	580586.24	189985.66	3926.96
01111110000110000111	10600	557829.18	199497.42	5494.47
00011110000110000111	7900	530103.72	190145.28	6865.38
10101100000110000100	7100	505470.76	172331.97	7571.54
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11011110000110000101	8600	565658.32	188391.01	4324.28
01011110000110001111	10500	560991	204885.19	5100.5
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10011110000110010111	11500	590853.42	182674.75	3678.43
11011100000110100001	7900	546576.2	190606.68	5293.3
11011100000110100010	9100	544412.5	190626.19	5583.25
11011100000110100011	9900	561504.12	192133.41	4895.98
00110010000110100100	6000	443476.38	174181.79	12059.27
01110010000110100100	6900	463502.8	191948.64	10615.2
00011100000110100011	7200	511140.94	182846.46	7814.51
11111100000110100011	11700	571042.64	195096.65	4662.56
10011100000110100011	9000	546510.02	189174.51	5501.33
01111110000110100111	11100	562766.92	207011.16	5343.18
10011100000110100001	7000	531582.1	183519.91	5898.65
11001110000110101011	11400	564959.58	201716.44	4900.07
01011100000110100011	8100	528945.92	190466.3	6740.68
01111110000110100101	9100	543071.16	206252.92	6535.14
11111110000110100101	10900	580015.24	202637.09	3959.46
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10011100000110101011	10700	559879.3	197849.67	4762.45
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10011110000110110111	12000	595671.82	188747.59	3547.03
01011110000110110111	11100	579653.92	192179.88	4528.68
00011110000110110111	10200	561848.94	191455.56	5602.51
11001100010110000100	7300	516802.08	185029.5	6701.32
10011010000111000101	9000	554683.44	175790.61	5684.76

10011000000111000101	8300	541166.52	171307.85	6349.58
110011000101110000101	8100	533893.7	189282.92	6014.05
01011010000111000101	8100	532070.52	187185.3	7765.58
100011000101110000101	7200	516682.96	180843.05	6988.84
010011000101110000101	6300	497360.32	184638.93	8521.28
10011110000111000111	11700	595968.54	177295.57	3770.91
01011110001111000101	10600	582462.34	175476.32	5471.61
01001010001000000100	4600	422104.48	141850.24	14644.92
01001010001000000101	5400	442051.14	153595.93	13481.81
10001010001000000101	6300	480104.4	156332.62	8827.6
00001000001000000101	3800	402216.68	114233.77	16639.22
00001010001000000101	4500	417046.34	138085.99	15755.61
00001010001000100101	5000	431187	163632.17	14070.5
11001010001000100101	7700	505230.32	189790.97	7205.28
10000010001001000100	6800	457038.5	135040.21	10668.25
00011001000100101100	6100	442555.8	189409.97	12028.7
01001010001010000101	6300	484684.16	161380.24	10516.64
11011010001011000101	11000	582007.42	170730.51	4676.43
10011010001011000101	10100	567290.4	168516.31	5235.6
01001110010110000100	6200	494245.88	189981.29	8467.02
01011000001011110101	10800	567669.66	177273.98	5924.39
00011010001100000101	6100	464285.88	172477.86	11956.02
11011010001101000101	10800	564091.18	181654.56	5098.47
01011011000100100110	8000	482290.08	219760.91	9489.32
01011011000100101111	10500	511173.82	240572.14	8326.03
100110100011110000101	8800	550695.6	179840.65	5276.4
110110100011110000101	9700	565689.7	183421.89	4671.05
010110100011110000101	7900	527766.96	186532.35	7409.84
11011100001110100011	11700	585061.4	182410.31	4198.1
10011110001110101101	11700	592409.18	195101.84	3361.47
01011010001110111101	11900	571591.1	198729.74	5623.15
11011010001111000001	11200	583861.02	171082.66	4648.83
10011010001111000100	10000	564440.64	178276.47	5125.56
10011010001111000101	10800	581072	172910.14	4515
11011010001111000101	11700	595789.02	173863.9	3955.83
10011110001111000101	11500	604597.9	166169.75	3470.35
11011000001111000101	11000	582272.1	173322.42	4620.65
10011000001111000101	10100	567555.08	169853.78	5179.82
11010111000110100101	9500	541508.06	206515.29	6144.99
10010111000110100101	8600	524995.24	199993.96	7003.46
010110100011111100101	10400	564859.68	195222.31	6200.72
110110000011111100101	11500	588076	184933.42	4325
010110000011111100101	9700	551342.76	192459.28	6865.54
01110010010000110110	10200	468620.82	214598.61	9973.53
11100111000000100101	8800	485783.98	216318.6	8574.67
01011000010000111101	8900	496988.42	210090.08	8004.93
10111000010000111101	11600	530681.5	216661.14	5433.75
11011101000100100100	7800	517091.6	208204.65	6468.4
00101100010010000100	5700	454297.84	157340.8	11423.36
01101100010010000100	6600	476407.58	172732.17	9632.07

11111100010010100100	9800	542022.48	207035.43	5446.92
00011100010010100100	5300	478793.18	176620.64	9153.47
11011100010010100100	8000	532483.96	197843.87	5680.34
00001000010010100111	6500	458892.28	171697.04	11348.62
00001000010010100101	4500	437912.28	156125.59	12754.62
11001000010010100101	7200	500945.9	182703.81	7724.35
10011100010010100100	7100	517489.86	188299.81	6285.69
00011000010010100111	7400	490069.68	187339.12	8649.72
01011100010010100100	6200	498003.6	190825.64	7845.4
00011001000110100101	6100	485782.58	190776.7	9636.57
01001000010011100001	6900	484792.62	174149.65	9841.23
00001000010011100101	6500	475715.84	171617.95	10755.36
01001000010011100101	7400	495176.22	185345.57	9405.63
11001100010011110001	11200	574740.92	181231.32	4664.18
00001100010100000100	3700	421436.36	143014.63	12979.94
10011110010100000101	7900	522625.48	197150.92	5943.42
11011110010100000101	8800	537619.58	205202.43	5338.07
11011110010100000111	10800	552547.5	208205.41	4940.75
01111110010100000111	10800	528669.04	217334.17	6695.16
01111110010100001101	10500	524791.82	224484.29	6740.03
11010100010100100100	7100	466068.24	199421.72	10041.96
01010100010100100100	5300	431594	184628.78	12206
01110010010100100100	7100	435246.02	208529.16	11665.33
01110100010100100100	7100	441904.6	198992.13	11843.9
11110010010100100100	8900	469338.3	218989.62	9564.95
01110010010100111101	11400	493429.76	240125.55	8975.04
01010110010100111101	10300	506567.24	230743.92	8305.46
11011111000100100101	9300	548107.18	219131.64	5048.47
10011111000100100101	8400	533113.08	214303.79	5653.82
11011111000100100111	11300	563035.1	221346.64	4651.15
10010110010100111101	11200	526052.6	222802.31	6745.9
00010110010100111101	9400	487362.04	218430.43	9612.66
01110100010101100100	9100	487393.08	208170.65	8563.82
01010100010101100100	7300	477472.6	198415.56	8860.9
11111100010101100100	11600	551060.24	213952.91	5677.96
01111100010101100100	9800	520228.36	213956.68	7234.94
11010110010101100100	9800	522663.62	213762.58	6498.73
00010100010101100100	6400	457020.54	178271.16	10375.91
01011100010101100100	8000	510307.88	206340.25	7532.02
11010100010101100100	9100	508686.44	205827.41	7240.26
01110110010101100100	9800	501370.26	218458.99	7822.29
01101100010110000000	6800	477904.78	171636.86	9663.87
11001100010110000000	6800	504636.48	171988.67	7433.92
10011110010110000100	8000	537691.96	191290.03	5411.34
11001110010110000100	8000	530779.26	194955.79	5959.79
00101100010110000100	6400	469464.84	172886.27	10471.86
00001100010110000100	4600	458841.64	159267.52	10886.06
10001100010110000100	6400	499591.34	172592.35	7676.11
01111100010110000100	8200	516703.38	199321.39	6989.77
10011100010110000100	7300	523714.78	182255.97	6152.87

01101100010110000100	7300	490189.18	187017.2	8911.47
01001100010110000100	5500	480268.7	176365.61	9208.55
11011110010110000110	10900	567613.98	199694.85	4408.67
00011110010110000111	9000	535309.02	198595.34	6478.83
01011110010110000111	9900	553114	203113	5405
11011110010110000111	11700	584245.34	194077.62	3798.11
01001100010110010100	7300	508085.38	179019.04	7928.77
10001100010110010100	8200	527408.02	175531.96	6396.33
01001100010110100100	6000	485206.44	191482.12	9057.26
01010010010110100100	6200	460222.7	194636.21	10286.55
00110010010110100100	7100	452757.96	191185.54	10993.34
10010010010110100100	7100	475516.52	184766.87	9425.58
00010010010110100100	5300	438966.52	174239.15	11935.58
01110010010110100100	8000	472784.38	208615.44	9549.27
00010110010110100100	6000	466671.72	186145.89	10194.38
00001000010110100111	7200	471276.12	187226.04	10860.98
01110010010110101100	9700	484629.72	222875.87	9064.38
01011110010110101110	11300	553265.72	222780.8	5379.38
00011110010110101110	10400	536984.68	218508.06	6199.22
01010100010111101100	9900	521729.66	215190.21	7114.39
01001010000001000000	4300	417344.02	119909.06	15216.33
00111110000110000111	9700	540024.2	197609.97	6568.3
10111110000110000111	11500	575130.66	194545.35	4298.89
00011101000110100101	6800	511417.18	197977.8	8240.47
11011101000110100101	9500	566288.1	204246.4	4570.65
10111110000110100011	11500	569565.46	199262.87	4603.09
01100011000100100111	9000	445364.26	219363.44	12520.29
10111110000110100111	12000	579949.06	203548.52	4167.49
01011010011101100100	9800	525301.94	215565.89	6973.01
01011111000110100100	7600	527513.16	211827.6	6878.14
00011111000110100100	6700	508302.74	202408.45	8186.21
11011111000110100101	10200	579805.02	205566.39	3905.83
00011111000110100111	9500	546035.3	212274.04	6149.45
01011111000110100111	10400	563840.28	213568.04	5075.62
010010100111111100100	9800	529738.82	201726.94	7876.53
010110100111111100100	10700	557406.82	212248.99	5762.53
11011111000110110001	11500	594631.16	190434.67	3496.14
00011100100000000110	6500	480313.76	162332.43	8966.04
11011110100000001100	9600	538449.02	198524.39	5738.83
00101111000000100000	5500	422471.74	168565.81	14338.71
01101111000000101111	11400	515919.34	235375.3	7694.11
00011100100010000100	5400	490650.24	152976.66	9292.96
11011100100010000100	8100	544731.38	172198.39	5754.77
01011100100010000110	8300	530223.62	178610.8	6681.73
00011100100010000110	7400	512418.64	167965.47	7755.56
01011100100010000100	6300	509509.3	167749.86	8043.45
11011100100010010110	11900	588114.5	174001.09	3971.25
01011100100010100100	6800	517185.32	184086.11	7435.78
00011100100010100100	5900	498326.26	171526.04	8685.29
11011000100010100100	7900	526720.24	181054.44	6551.96

01111111010100000101	9900	522461.92	223473.75	6906.68
11111111010100000101	11700	556434.86	219412.44	4826.19
11011010010110000111	11000	558348.06	196714.12	5237.99
01011010100011100101	9600	554950.06	191881.37	6315.99
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10011110100011100101	11200	598278.9	176919.5	3658.85
11111110100100000100	10400	549923.8	204440.86	5269.7
00011110100100000100	5900	488977.86	177973.14	8595.69
01111110100100000100	8600	517757.4	203322.63	7049.1
01111110100100001100	10300	530685.08	216217.68	6383.82
10111110100100001100	11200	548298.98	206186.55	5136.17
01011110100100001100	8500	520764.6	208388.17	6680.9
11011110100100001100	10300	552230.62	206476	5018.23
10011110100100001100	9400	538760.46	198101.21	5369.59
00111110100100001100	9400	513701.32	206149.11	7320.78
01011110100100110111	11900	576161.68	213591.26	4238.72
01100111000100100111	9700	469806.78	223552.43	11322.87
01011110100110000111	10500	576268.92	194238.02	4333.18
11011110100110001100	11200	584335.5	192355.5	3807.75
01011010100110001111	11500	562821.96	209088	5187.34
01011100100110100011	9800	557306.14	193523.69	5282.31
11011100100110100011	11600	584967.32	187876.25	4253.78
01011110100110100111	11000	581206.66	202392.78	4181.89
10011110100110110101	11700	604207.1	180762.46	3302.15
11011100010110000100	8200	538708.88	192752.72	5547.52
00011100010110000100	5500	487572.48	174087.69	8594.92
01010100100111010101	10900	569274.44	178302.81	5334.26
01101101000010101111	11600	539139.06	219149.73	6376.49
01110011000000100101	7200	444315.48	205407.9	11525.42
01011010110000111101	11300	539077.24	227562.05	5846.46
10011010101010100101	10300	568919.38	188296.67	4602.77
01111010101010100101	11200	563253.78	205715.51	5215.37
01011110101011000001	11100	584010.88	164905.96	5610.52
10011110010110000111	10800	569251.24	194220.9	4403.46
01011110101011100001	11600	593231.3	175423.01	4745.45
10011010101011100100	11500	582664.42	183913.8	4451.93
01011010101011100101	11400	581074.5	189340.83	5190.25
00101111000010101101	9400	515976.46	216973.14	7840.59
01101111000010101110	11500	536024.62	221072.77	6322.23
01011000110010100100	7200	500641.38	186958.14	7797.77
01011010101111000101	11600	586226.5	182198.6	5236.25
01111100110000100100	8800	506698.52	209105.83	6880.58
01111000110000101101	10600	513576.16	229041.29	6508.64
01011100110000111101	11300	552969.18	217871.33	4819.47
01011000110000111101	10600	527861.62	218702.68	6127.73
11011100110010000100	9200	548390.48	179593.72	5625.92
01001100110010000101	7300	511275.04	173883.47	7894.16
01011100110010000100	7400	518533.18	179166.34	7020.47
10011100110010100000	8300	530569.46	176839.64	6079.09
00011100110010100000	6500	496966.54	168759.37	8097.91

01111000110010100100	9000	515876.78	200574.89	6614.87
00011100110010100100	7000	507350.14	182354.01	7662.31
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01111100110010100100	9700	538803.4	203557.78	5670.1
00011100110010100101	7800	526606.2	188441.87	6614.3
00001100110010100100	6100	476679.74	168600.93	10276.71
01011100110010100101	8700	545465.26	196667.71	5364.79
01011100110010101100	9600	538997.98	209309.19	5770.67
01011100110011100100	9900	556308.52	198044.77	5697.58
11011100110011100100	11700	586046.48	190367.36	4322.92
11011110110100001100	11400	555889.72	213345.07	4889.38
01011000110100110111	11600	543291.44	220754.62	5733.76
01011000110100111101	11300	539414.22	227625.14	5778.63
11101111000100100100	9400	518700.5	223319.84	6647.25
01011110110110000111	11600	581319.6	198790.11	3972.4
01011011100110001101	10600	553611.18	211302.28	5899.47
00011011100110001111	11700	557025.9	214747.24	5527.35
00011100110110100100	7700	521067.18	193801.63	6952.47
01001000110110101101	9500	520233.52	211022.71	7262.08
01111010110111100000	11900	561073.26	210397.19	5252.79
01011100110111100101	11400	587117.18	198960.43	4300.47
01011010110111110000	11900	573566.7	195897.53	5170.55
01111011000000100000	6600	453907.88	189339.45	10614.02
11111011000000100100	8900	507097.62	216893.87	6625.73
10001100000110100011	8100	522386.58	183919.99	7024.57
10111011000000100111	10800	524069.84	224374.46	6155.36
00011010000001000001	5100	445872.04	136334.62	13226.66
01010111000000100100	5300	437746.96	185775.65	11978.84
00011110110010100100	7700	521327.32	192299.68	6920.78
10111101000000100100	8000	500592.7	201127.89	7104.55
11111101000000100100	8900	515586.8	210761.18	6499.2
01110011000100100100	7100	436841.4	205353.59	12186.1
11110011000100100100	8900	477158.74	215382.16	9048.21
00110011000100100111	9000	456901.22	217596.26	11201.13
01111111000000000000	6800	466249.32	179071.24	10761.78
01111000001111100101	11500	563112.08	198605.33	6260.32
01001010111111100100	11500	557351.62	200844.09	6542.73
10011011000000000000	5200	454436.48	142754.01	10185.92
00011011000000000000	3400	399041.62	121383.52	15836.73
01011011000000000000	4300	427299.38	145013.62	13020.77
01111011000000000000	6100	442792.78	165730.29	11794.87
11011011000000000000	6100	471262.26	161723.17	9275.29
01010011000000000100	4100	400309.06	146522.6	14670.49
10011001000000000000	4500	428165.06	121597.45	12976.49
01011001000000000000	3600	402345.38	122682.55	15591.77
01011011000000000001	5100	444541.3	159637.15	12308.45
00111011000000000000	5200	419454.06	145067.35	13790.99

10011011000000000001	6000	473510.08	157354.92	9168.32
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10111111000000100000	8200	499865.8	199951.65	7518.7
10011111000000100000	6400	490327.28	185150.57	7752.12
11011111000000100000	7300	507153.06	197699.62	6841.49
11111111000000100000	9100	516691.58	209533.54	6608.07
11010011000000100100	6400	453639.9	187365.05	10035.35
01010011000000100100	4600	410273	170390.56	13681.5
01110011000000100100	6400	425502.28	190334.43	12499.62
01100111000000100111	9000	458763.46	214741.67	11587.09
00010011000000100100	3700	379847.02	145676.67	16858.83
01111111000000100000	7300	476374.24	198327.26	9745.96
01000111000000100111	7200	446175.38	203883.72	12328.77
10010011000000100100	5500	434760.68	167312.1	11288.22
11101111000000100111	11500	539623.5	224646.14	5835.75
10011011000000100111	9000	511890.12	211338.82	6828.98
01001111000000101101	7600	483635.5	219628.89	9627.75
01111011000000100111	9900	503514.44	226869.16	7893.26
11000111000000100111	9000	492343.74	215093.19	8215.71
10001111000000101111	10500	528460.16	228002.89	5935.64
01000111000000101111	8900	465590.02	224124.26	10582.33
01010011000000101100	6300	422118.34	193315.42	13196.61
00101111000000101111	10500	499638.3	231809.77	8513.95
01110111000000101111	11600	500084.9	237627.89	8686.85
11001111000000101101	9400	527002.4	225225.77	5981.6
10111111000000100100	8700	514569.88	214274.29	6363.02
10100111000000101111	11600	498738.72	230618.45	8101.88
11111111000000100100	9600	529563.98	221392.7	5757.67
11111111000000101000	10800	528536.92	218641.25	6123.18
110011110000001001101	10900	549545.04	199573.22	5854.16
100011110000001100101	8800	530539.36	198581.04	6310.44
000011110000001101101	8700	504347.54	207617.93	8583.41
110011110000001101101	11400	557101.72	213866.8	5266.38
010011110000001101101	9600	522034.02	215651.01	7529.33
010111110000001101101	10500	543940.82	217463.83	6375.53
010001110000001101101	8900	489198.74	214595.93	8858.21
010011110000001101111	11600	541729.78	219697.54	6337.37
000111110000001101101	9600	526254.34	211371.15	7429.61
10011011000010000000	6100	492004.48	156522.18	8064.92
00011011000010000000	4300	447911.34	142456.7	11832.11
01010101000010000001	5300	456909.52	157285.37	11532.08
00010101000010000001	4400	436180.38	137651.17	13093.27
11111101000010000110	11300	555062.92	198868.46	5479.18
11111101000010001100	11000	552287.18	202423.85	5340.47
11011101000010001110	11200	557676.58	200031.82	5176.57
01011111000010100000	6400	506086.24	191379.97	7577.96
10111111000010100000	9100	536291.16	200627.52	5588.14
11111111000010100000	10000	551285.26	206142.49	4982.79
10011011000010100100	7100	512028.68	189716.67	6694.22
00011111000010100101	6800	513890.78	197219.2	7839.87

01011111000010100101	7700	533101.2	203901.51	6531.8
01010011000010100100	5500	450698.92	178183.84	11084.18
11001111000010100111	10600	561782.82	206707.53	4926.53
11010011000010100100	7300	486359.42	187853.32	8722.43
01001111000010100101	6800	506587	200539.49	8453.5
10101111000010101101	11200	554768.6	217214.62	4956.9
00101111000010101111	11400	536374.94	223504.19	6531.51
01001111000010101111	10500	542735.5	220422.69	6008.75
01000111000010101111	9800	505608.9	217781.72	8052.85
10001111000010101111	11400	560158	216076.3	4793
01011111000010101111	11400	564642.3	219306.67	4854.95
11001111010100000101	9000	524989.54	214854.99	6213.41
01001111000011100001	8300	526895.52	191535.16	8075.08
10101111000011100101	11500	571775.72	196248.25	4934.38
11001111000011100101	10600	576954.22	194224.88	4608.63
10001111000011100101	9700	562237.2	192890.59	5167.8
01001111000011100101	8800	537279.12	197572.37	7639.48
01101111000011100101	10600	547199.6	200674.2	7342.4
10101011000011100101	10800	548155.56	195625.9	5994.74
10001101000011101101	10700	561812.48	201328.35	5139.92
00001111000011101101	9600	536045.38	205169.63	7440.77
10001111000011110101	11500	587446.94	179478.23	4322.51
11011011000100000000	6800	485043.86	178225.77	8554.69
10011011000100000000	5900	468218.08	160517.05	9465.32
01011011000100000000	5000	441080.98	165750.81	12300.17
10011111000100000101	7900	528294.68	198074.43	5785.22
11011111000100000101	8800	543288.78	205115.41	5179.87
11111011000100000111	11900	544894.66	217676.7	5482.89
10011111000100010011	11200	553195.22	194026.43	5787.13
11011101000100010100	9100	540244.5	193966.92	5294.25
10011111000100010111	11700	568432.34	203982.9	4542.61
11001111000100010111	11700	561519.64	210599.33	5091.06
01111111000100100000	8000	487417.56	208978.94	9481.74
01111011000100100011	10100	501888.88	222834.48	8445.52
01010011000100100100	5300	421612.12	188771.92	13367.98
10010011000100100100	6200	448466.2	182719.31	10580.3
11111101000100100100	9600	526630.12	216636.45	6234.98
10111011000100100111	11500	535113.16	229575.91	5891.14
00111011000100100111	9700	496752.78	228444.02	8702.87
01111011000100100111	10600	514557.76	235044.76	7629.04
11011011000100100111	10600	537927.54	224809.43	5959.41
01011011000100100111	8800	499328.48	225627.15	8810.92
10011011000100100111	9700	522933.44	219902.47	6564.76
00011001000100101110	8100	464184.04	207203.44	10514.66
00011011000100100111	7900	481523.5	216059.25	9884.75
11011001000100101100	8800	504136.22	213572.1	7240.63
11111101000100110100	11400	554601.42	210344.52	4929.43
11011101000100110100	9600	545062.9	206139.12	5162.85
00011101000100110100	6900	482485.58	184029.55	10117.07
10111111000100110100	11200	550822.94	213434.2	5253.51

10011101000100110100	8700	530068.8	196716.27	5768.2
10011101000100110101	9500	547107.2	201935.76	5089.8
11011111000101100101	11300	578206.5	204446.89	4333.25
00001111000101101101	9400	515390.86	215040.25	8319.19
01011111000101110101	11300	568348.54	198080.03	5750.91
10010101000110000001	6900	490559.4	165289.19	9188.1
00010101000110000001	5100	450682.58	153152.76	12252.57
01010101000110000001	6000	471411.72	171526.52	10691.38
11000101000110000001	6900	485165.42	172930.08	9483.43
00000101000110000001	4200	421951.74	139983.88	14543.71
01010101000110000101	6500	483220.92	187002.06	10018.18
00111111000110000101	8800	530738.9	202108.17	7292.85
10011101000110000001	7600	534666.4	179951.6	5980.6
00011101000110000101	6300	506598.78	184841.28	8371.87
11011111000110000101	9700	574986.62	196834.54	4037.23
01011111000110000101	7900	539326.12	201468.38	6398.98
11011101000110011100	11700	584194.72	191248.51	3598.88
10011111000110100001	8800	554427.32	200073.88	4946.78
01111101000110100011	11000	549860.24	207770.11	5878.96
11001011000110100100	7800	514774.74	203654.94	7209.21
01010111000110100101	7700	505847.56	207168.54	8506.74
10011111000110100101	9300	564810.92	204805.46	4511.18
00111111000000100000	6400	455220.78	184084.43	11377.87
00011111000110100101	7500	524934.1	205502.06	7575.65
01111111000110100101	10200	554065	214696.24	5970.5
01011111000110100101	8400	544144.52	210923.93	6267.58
11111111000110100101	12000	589343.54	206627.37	3672.41
00010111000110100101	6800	485118.42	195986.27	10067.93
11011011000110100111	11500	569625.38	210963.78	4816.77
01111111000110101101	11900	565910.34	222242.8	5485.61
01001111000110101111	11200	553778.82	225718.31	5744.53
11011111000110110101	12000	605014.76	190412.93	3060.54
00011111000110110101	9300	550143.84	193896.74	6730.36
10011111000111001001	12000	591651.92	183911.53	3861.68
01011101000111001010	11600	559448.44	201141.22	5882.26
11011101000111001100	11900	586629.58	196224.96	4138.07
10011101000111010100	11100	587731.68	174318.83	3927.72
11011101000111010100	12000	602448.7	179260.41	3368.55
01111111000111100100	11400	568125.76	208483.19	5767.04
00111111000111100101	11300	566526.5	200726.05	6301.25
01011111000111100101	10400	574836.64	201389.23	5453.56
00011111000111100101	9500	555903.3	198594.84	6715.45
10011111000111100101	11300	595187.32	190517.15	3749.78
01111101000010101110	11700	544261.08	220212.25	5858.82
01011011001000000100	6600	469128.58	179640.66	10572.57
10000011000000100100	4600	407867.28	149674.35	13273.12
01111111000000100001	8100	493616.16	205855.45	9033.64
01011001001100101100	8800	486893.76	212251.64	9761.04
01111011001100101100	11300	515001.02	237645.94	8020.83
01111001001100101100	10600	501330.68	224720.67	8711.22

01011011001100101100	9500	500564.1	226513.13	9070.65
10011001001100101100	9700	516790.5	204666.37	6466.25
11011001001100101101	11400	547452.48	213541.21	5410.92
11111011000100100101	10400	535179.34	227127.23	5683.11
01111011000100100101	8600	494862	225822.85	8821
10111011000100100101	9500	520185.24	221059.56	6288.46
00111011000100100101	7700	476354.3	215094.24	10011.95
10111011000100100110	10700	518074.76	226082.89	6569.54
11111011000100100110	11600	533068.86	232019.97	5964.19
10011111001110010100	11600	590898.9	180103.09	3914.85
00011111001110100101	9300	548491.38	200155.94	6877.77
11011111001110100101	12000	603362.3	190275.09	3207.95
00111111001110100101	11100	559114.58	206040.39	6463.57
10011011001111000101	11900	590991.6	177025.58	4129.4
01110111000110100101	9500	515768.04	213079.51	8209.66
01011011010000000000	5400	440514.92	162130.13	11299.18
10011111010000000101	8300	518120.64	198417.66	6385.56
01011111010000000101	7400	498759.84	203497.52	7924.36
11011111010000000101	9200	533114.74	206382.13	5780.21
01011111010000100000	6600	476405.72	198767.31	8865.38
01010011010000100100	5700	422892.56	189952.33	12059.24
10000111010000100111	9200	476390.6	216302.18	9461.9
01100111010000100111	10100	464742.22	228512.94	11071.63
01110011010000110110	11300	478016.92	226003.68	9675.18
01011000000110100011	7400	503838.36	188096.9	8048.94
00000111000000100111	6300	423803.8	189561.56	14163.7
11111101010001100100	12000	549293.68	216479.89	5663.72
11001101010010000101	8500	529388.86	193897.34	6456.19
01001101010010000101	6700	493094.16	189471.8	8923.64
01010111010100000101	7400	473629.84	212305.01	9545.36
10001101010011110001	11400	569300.66	183220.98	4944.89
11011111010100000100	9100	529857.94	214545	5738.01
10011111010100000100	8200	514863.84	203843.69	6343.36
10111111010100000101	10800	541440.76	215675.57	5431.54
00111111010100000101	9000	503954.22	215075.94	8097.63
00001111010100000101	6300	461967.38	197743.05	11241.77
01011111010100000111	10100	528264	222312.74	6674
01111111010100000111	11900	538184.48	227846.43	6376.92
11011111010100000111	11900	561824.26	216129.33	4662.29
11010111010100000101	9200	507984.74	215659.32	7401.21
11011111010100000101	9900	546896.34	213915.28	5059.61
01011111010100000101	8100	512541.44	215265.26	7203.76
10011111010100001101	10700	545271.52	216915.05	4926.08
00011111010100001101	8900	506700.3	219345.82	7772.95
11011111010100010101	11700	571951.46	210264.74	4240.09
11011111010100100101	10400	551714.74	227006.05	4928.21
10011111010100100101	9500	536720.64	222515.15	5533.56
01111011010100100111	11700	520536.52	244366.94	7113.58
10011011010100100111	10800	526541	226323.59	6444.5
01011111010100100101	8600	517359.84	229079.73	7072.36

01100111010100101110	11700	478161.78	241906.31	9739.37
01000111010100101110	9900	468241.3	235298.28	10036.45
01011101010100110100	8900	514160.94	212149.46	7212.51
11011101010100110100	10700	548515.84	216154.09	5068.36
00001101010100110100	7100	463586.88	189190.88	11250.52
01110101010101100100	10200	496789.18	219536.06	8265.47
00111111010101100101	11500	542409.42	219286.28	6661.43
10111101010110000001	10500	547812.48	196462.97	5626.92
00001101010110000100	5700	468357.08	180518.05	10567.82
01011111010110000101	9000	546906.88	211739.29	5616.52
01001111010110000111	10100	536115.24	215724.39	7008.46
00011111010110100101	8600	532514.86	215184.46	6793.19
11010111010110100101	10600	545115.62	216036.97	6024.73
00111111010110100101	10400	543138.06	221140.79	6378.99
01001001010110101101	8900	501654.78	222841.84	8357.87
11011100000110000111	9900	567069.32	187080.31	4591.78
01001111010111001101	11800	567537.54	214809.02	5471.41
01111011000110100111	11500	551294.4	224820.12	5646.6
11111101011000100100	11800	542751.64	218242.76	5681.06
01111111011000100100	10700	522755.88	227370.98	7020.02
11011101011001100100	12000	563312.44	201178.06	5199.26
10011101011001100100	11100	548595.42	196489.32	5758.43
01011110000110000011	8300	535980.7	185753.13	6484.55
11011110000110000011	10100	568658.24	184454.55	4619.96
10111101011010100100	11800	559862.42	209377.39	5075.93
10011110000110000101	7700	550664.22	184069.47	4929.63
00011110000110000110	7100	513420.82	185882.16	7484.53
01000111011100101110	11700	492413.22	232830.84	9236.13
00011110000110100101	6400	513940.26	193846.56	8140.29
10011110000110100111	10200	570410.54	200330.48	4400.91
01011011011110000110	11300	546620.76	219845.5	5945.54
01011101010100000101	7400	499024.52	204250.69	7868.58
10011101010100000101	8300	518385.32	197371.19	6329.78
11011101010100000101	9200	533379.42	206590.1	5724.43
00111111000110100100	8500	518925.94	211498.52	7772.01
10111111000110100101	11100	574349.44	208833.6	4277.76
00111111000110100101	9300	535557.3	212241.53	7161.45
00011111100000100000	6300	478193.34	180409.16	9461.11
11001111000000100111	9700	530084.98	218638.18	6069.17
00001111000000101101	6700	465949.02	208968.33	10681.83
10001111000000101101	8500	513532.24	219226.15	6332.96
01001111100001101101	11300	549646.82	218793.84	6195.53
11001101100010000101	9100	549244.5	181776.61	5934.25
01001101100010000101	7300	513719	180644.47	8273.5
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00011111010100000100	6400	476292.62	196512.83	9190.23
00011111010100000101	7200	493331.02	203900.29	8511.83
10011111010100000101	9000	531902.24	207211.25	5664.96
01011011100100001111	11700	541609.1	231657.04	5850.15
00111011100100100111	11400	529997.18	234259.04	6430.47

11011101100100110100	11300	568526.1	206111.95	4520.65
11010001000000100100	5700	431566.62	168555.57	12126.23
01011101100100110100	9500	537608	205400.72	6092
00001001110110101101	9700	512525.26	214015.72	7920.79
10011101100110000001	9300	558129.6	176822.43	5338.4
11011111100110000100	10600	581818.46	193895.8	4005.59
01111011100110000101	10700	554591.64	206018.5	5603.06
00111011100110000111	11800	556482.42	209616.64	5484.93
10011111100110001001	11700	585015.8	187471.29	3934.7
00011111100110001001	9900	550232.74	196784.82	6150.21
00111011100110001101	11500	549453.22	211004.72	6055.13
10011111100110010100	11500	592034.1	179635.59	3765.65
01011111100110100101	10100	572350.12	207519.57	4834.98
00011111100110100101	9200	553491.06	204079.58	6084.49
01001001100110101101	9500	522279.62	215170.04	7707.73
01011111100111000001	11100	585821.84	185874.7	4924.36
10011111100111000001	12000	602022.92	169432.69	3912.18
11111100010110000100	10000	548247.4	200117.4	5314.1
01001111100111001001	11900	575760.38	195713.81	5593.27
00011111100111100101	11200	583867.46	192135.72	5323.09
10000101000110000001	6000	466435.96	157276.86	10711.34
11010011000000100000	5900	440767.5	166091.81	10885.75
01010011000000100101	5400	429086.2	187814.63	12707.3
11010011000000100101	7200	472453.1	200769.22	9061.15
10010011000000100101	6300	455940.28	184713.55	9919.62
11011111101010000001	12000	596416.3	171210.36	4090.95
01011111101010000001	10200	565498.2	180206.41	5662.3
01011111101010010100	11700	585088.86	180361.4	4887.19
01011101101011000001	11500	582080.6	171971.22	5611.9
01111110010110000111	11700	563034.48	206827.39	5107.92
11001111000010101101	10300	558700.24	213636.58	4838.96
00001111000010101111	9600	526454.46	217956.92	6828.59
01011001101100101100	10500	522805.76	223583.73	7044.04
11001011000100100111	9700	514636.18	222130.38	7343.97
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00001101110110101101	10400	539017.38	219556.87	6381.77
10001010101011100101	11400	576235.18	173015.52	5187.47
01010111000000100000	4800	424874.56	163207.5	12829.24
11011101110000110100	11700	560935.72	208530.24	4690.38
01111101110000110100	11700	543911.3	214179.12	5302.45
01011101110000110110	11900	549713.38	213066.88	5069.77
11010111000000100100	7100	481113.86	200681.9	8332.69
01001101110010000101	8400	521299.76	190417.14	7491.04
01011101110010000101	9300	547813.96	194891.73	5569.34
00011101110010100100	8100	519419.96	195433.99	6918.34
01011111110100000101	9800	543414.64	217081.7	5326.56
11011111110100000101	11600	570359.54	208417.17	4417.41
01001001110100101101	9700	498162.54	230787.57	8067.91
01001001110100101111	11700	513885.1	240283.73	7538.15
11000110010100111101	11200	519134.68	231400.08	7295.22

01001111110110001001	11000	553241.82	210898.9	5526.03
10111100110010100100	10600	550491.58	195955.11	5410.07
01001001110110101101	10600	529860.38	223751.95	6925.27
01011001110110101101	11500	553151.74	227587.83	5540.71
01001101110110101101	11300	556352.5	225086.12	5386.25
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00000100010110000100	3900	414734.64	136549.07	14093.56
01001111110111000101	11800	578697.6	197824.96	5390.4
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11011011000000100100	7100	494917.9	201799.99	7299.35
01011011000000100100	5300	451551	189529.79	10945.5
01001011111100100110	11700	517402.52	232132.18	8117.58
11010011000100100100	7100	464979.02	201511.82	9721.83
01011111000000000000	5000	453661.24	162990.67	11503.46
11011111000000000000	6800	497028.14	177631.98	7857.31
01011001111110101000	12000	552107.8	218322.89	5486.7
01001000010110000100	4800	442756.44	158792.6	12584.26
00001111000110100101	6600	496203.26	203122.04	9866.79
01001111000110100101	7500	517630.32	210484.31	8189.28
01011110100110110101	10800	588163.76	188821.86	4288.04
00011110100110110111	11900	590054.54	189039.05	4169.91
10011010001111000001	10300	569144	167665.42	5208
00001111000110101111	10300	537497.78	224512.98	6564.37

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Ω	f1	f2	f3	f4
01011010000000000000	3200	412273.48	123675.61	14257.42
11011010000000000000	5000	461223.86	144838.2	9680.69
01000000000000000010	2900	294537.68	63006.36	27741.72
10011010000000000000	4100	444398.08	124521.56	10591.32
110000000000000000100	3200	361210.76	99748.31	19415.54
010010100000000000101	3600	414606.1	142548.94	14827.65
100000000000000000110	4300	365252.6	97694.38	18938.9
000000000000000000110	2500	287875.84	66869.7	28253.36
010000000000000000110	3400	328051.76	95471.61	23451.04
110010100000000000101	5400	469177.4	161132.53	9314.1
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10111110000000100000	7100	490537.5	187975.27	7805.75
00011111000000100000	4600	441929.98	166572.02	12236.67
01011111000000100000	5500	463786.16	183782.01	10487.64
00010010000000100100	2600	361921.62	124754.9	18578.73
11010010000000100100	5300	442160.36	172243.8	10680.94
10010010000000100100	4400	423281.14	150843.37	11933.81
11011010000000100000	5500	472717.2	171847.53	8436.8
01011111000000100001	6300	481028.08	193660.8	9775.32
00011110000000100000	3500	428210.88	148277.9	13255.52
010110100000001000000	5200	450672	142899.53	12159
010110000000001000000	4500	425718	125052.72	14730
000110100000001000000	4300	422691.32	120549.43	14928.78
100110100000001000001	6900	493848.08	150757.16	8812.32
100110100000001000000	6100	474774.48	138991.87	9829.92
010111100000001000000	5900	478102.52	156273.1	10463.58
110111100000001000000	7700	517680.36	167986.36	7448.94
000010100000001000001	4200	411950.06	116065.45	16382.99
100110100000001000100	6600	492165.6	157186.69	8226.4
100111100000001000000	6800	501131.66	154504.18	8313.39
010110100000001000100	5700	466231.44	162346.52	10860.76
110011100000001101101	10300	547773.42	206520.8	5553.43
0001110000000010000110	5700	484006.88	159226.2	9222.52
0101111000000010000111	8100	533617.82	185967.89	6597.03
0101110000000010000110	6600	501811.86	171853.41	8148.69
1101110000000010000110	8400	536196.1	178783.06	5999.65
1101110000000010100011	9200	550460.8	187118.17	5160.2
0101110000000010100011	7400	517393.32	181216.47	7089.78
0000100000000010100111	5400	453686.98	159903.91	11735.17
0100100000000010100111	6300	474539.84	172468.09	10153.36
1001101000000011000000	7000	512342.48	151636.51	7708.92
1101101000000011000000	7900	527059.5	165258.75	7149.75
111011110101000000101	10800	534528.06	220927.73	5979.99
0001100000000011000000	4500	448343.26	126280.06	13205.79
0100100000000011100101	6300	485997.72	171890.9	10454.38

10001110000011100101	8600	552908.9	183954.17	5454.85
11001111000111100101	11300	587997.54	195997.47	4344.41
01011100000100100011	7200	487256.4	187606.12	9548.6
11011100000100100011	9000	527521	196578.24	6419.5
01011010000100100111	7700	488334.64	213197.73	9375.56
11011010000100100111	9500	528599.24	216833.05	6246.46
10011010000100100111	8600	513605.14	210578.61	6851.81
11111010000100100111	11300	540778.96	225404.03	5572.84
10111010000100100111	10400	525784.86	222116.75	6178.19
00111010000100100111	8600	485758.94	216531.82	9267.51
11101110000100101100	10000	521217.54	222327.24	6449.41
11011110000100110011	11500	566299.2	202855.2	4900.8
01011100000100110100	6700	492299.9	187583.18	9107.35
10111100000100110100	9400	530330.56	198328.93	5813.24
10011110000100110111	11100	563973.98	209907.93	4689.67
11010100000110000001	6700	497625.12	163735.96	8636.48
10010100000110000001	5800	481112.3	148675.66	9494.95
10011100000110000011	8500	540147.22	174835.38	5890.13
00011100000110000011	6700	504658.8	167783.63	8223.2
01011110000110000101	6800	528212.94	188571.81	6983.51
01011110000110000110	8000	531225.8	194734.05	6410.7
10011110000110000111	9700	565592.14	189791.99	4532.31
01011110000110000111	8800	547908.7	194999.89	5791.55
11011110000110000111	10600	580586.24	189985.66	3926.96
01111110000110000111	10600	557829.18	199497.42	5494.47
00011110000110000111	7900	530103.72	190145.28	6865.38
10101100000110000100	7100	505470.76	172331.97	7571.54
01101100000110000100	6200	480959.14	172165.2	9968.81
11011110000110000101	8600	565658.32	188391.01	4324.28
01011110000110001111	10500	560991	204885.19	5100.5
10011110000110001111	11400	578961.42	195964.63	3793.43
11011110000110010101	10400	590919.6	182380.6	3470.4
10011110000110010111	11500	590853.42	182674.75	3678.43
01011100001111100101	10400	573883.16	182891.32	5985.14
11011100000110100001	7900	546576.2	190606.68	5293.3
11011100000110100010	9100	544412.5	190626.19	5583.25
11011100000110100011	9900	561504.12	192133.41	4895.98
00110010000110100100	6000	443476.38	174181.79	12059.27
01110010000110100100	6900	463502.8	191948.64	10615.2
00011100000110100011	7200	511140.94	182846.46	7814.51
11111100000110100011	11700	571042.64	195096.65	4662.56
10011100000110100011	9000	546510.02	189174.51	5501.33
01111110000110100111	11100	562766.92	207011.16	5343.18
10011100000110100001	7000	531582.1	183519.91	5898.65
11001110000110101011	11400	564959.58	201716.44	4900.07
01011100000110100011	8100	528945.92	190466.3	6740.68
01111110000110100101	9100	543071.16	206252.92	6535.14
11111110000110100101	10900	580015.24	202637.09	3959.46
10011010000110100111	9500	545302.98	201907.39	5709.17
10011100000110101011	10700	559879.3	197849.67	4762.45

11011100000110110011	11700	589066.7	183403.81	3658.55
01011110000110110101	9100	559958.16	191770.83	5720.64
10111110000110110101	11800	590282.42	190710.54	3710.93
10011110000110110111	12000	595671.82	188747.59	3547.03
01011110000110110111	11100	579653.92	192179.88	4528.68
00011110000110110111	10200	561848.94	191455.56	5602.51
11001100010110000100	7300	516802.08	185029.5	6701.32
01011110000110111101	10800	571803.5	198306.7	5235.75
10011010000111000101	9000	554683.44	175790.61	5684.76
10011000000111000101	8300	541166.52	171307.85	6349.58
11001100010110000101	8100	533893.7	189282.92	6014.05
01011010000111000101	8100	532070.52	187185.3	7765.58
10001100010110000101	7200	516682.96	180843.05	6988.84
01001100010110000101	6300	497360.32	184638.93	8521.28
10011110000111000111	11700	595968.54	177295.57	3770.91
01011110001111000101	10600	582462.34	175476.32	5471.61
01001010001000000100	4600	422104.48	141850.24	14644.92
01001010001000000101	5400	442051.14	153595.93	13481.81
10001010001000000101	6300	480104.4	156332.62	8827.6
00001000001000000101	3800	402216.68	114233.77	16639.22
00001010001000000101	4500	417046.34	138085.99	15755.61
01010101000110000000	5200	454320.1	157876.63	11378.65
00001010001000100101	5000	431187	163632.17	14070.5
11001010001000100101	7700	505230.32	189790.97	7205.28
10000010001001000100	6800	457038.5	135040.21	10668.25
00001100010110100100	5100	463779.38	176597.16	10734.77
00011001000100101100	6100	442555.8	189409.97	12028.7
01001010001010000101	6300	484684.16	161380.24	10516.64
11011010001011000101	11000	582007.42	170730.51	4676.43
10011010001011000101	10100	567290.4	168516.31	5235.6
01001110010110000100	6200	494245.88	189981.29	8467.02
01011000001011110101	10800	567669.66	177273.98	5924.39
00011010001100000101	6100	464285.88	172477.86	11956.02
11011010001101000101	10800	564091.18	181654.56	5098.47
01011011000100100110	8000	482290.08	219760.91	9489.32
01011011000100101111	10500	511173.82	240572.14	8326.03
10011010001110000101	8800	550695.6	179840.65	5276.4
11011010001110000101	9700	565689.7	183421.89	4671.05
01011010001110000101	7900	527766.96	186532.35	7409.84
10011110001110000111	11500	589149.42	183896.52	3834.43
11011100001110100011	11700	585061.4	182410.31	4198.1
10011110001110101101	11700	592409.18	195101.84	3361.47
01011010001110111101	11900	571591.1	198729.74	5623.15
11011010001111000001	11200	583861.02	171082.66	4648.83
10011010001111000100	10000	564440.64	178276.47	5125.56
10011010001111000101	10800	581072	172910.14	4515
11011010001111000101	11700	595789.02	173863.9	3955.83
10011110001111000101	11500	604597.9	166169.75	3470.35
11011000001111000101	11000	582272.1	173322.42	4620.65
10011000001111000101	10100	567555.08	169853.78	5179.82

11010111000110100101	9500	541508.06	206515.29	6144.99
10010111000110100101	8600	524995.24	199993.96	7003.46
01011010001111100101	10400	564859.68	195222.31	6200.72
11011000001111100101	11500	588076	184933.42	4325
01011000001111100101	9700	551342.76	192459.28	6865.54
01110010010000110110	10200	468620.82	214598.61	9973.53
11100111000000100101	8800	485783.98	216318.6	8574.67
01011000010000111101	8900	496988.42	210090.08	8004.93
10111000010000111101	11600	530681.5	216661.14	5433.75
11011101000100100100	7800	517091.6	208204.65	6468.4
00101100010010000100	5700	454297.84	157340.8	11423.36
01101100010010000100	6600	476407.58	172732.17	9632.07
01001100010010000100	4800	463813.38	158718.38	10374.77
11111100010010100100	9800	542022.48	207035.43	5446.92
00011100010010100100	5300	478793.18	176620.64	9153.47
11011100010010100100	8000	532483.96	197843.87	5680.34
00001000010010100111	6500	458892.28	171697.04	11348.62
00001000010010100101	4500	437912.28	156125.59	12754.62
11001000010010100101	7200	500945.9	182703.81	7724.35
10011100010010100100	7100	517489.86	188299.81	6285.69
00011000010010100111	7400	490069.68	187339.12	8649.72
01011100010010100100	6200	498003.6	190825.64	7845.4
00011001000110100101	6100	485782.58	190776.7	9636.57
01001000010011100001	6900	484792.62	174149.65	9841.23
00001000010011100101	6500	475715.84	171617.95	10755.36
01001000010011100101	7400	495176.22	185345.57	9405.63
11001100010011110001	11200	574740.92	181231.32	4664.18
000011000101000000100	3700	421436.36	143014.63	12979.94
100111100101000000101	7900	522625.48	197150.92	5943.42
110111100101000000101	8800	537619.58	205202.43	5338.07
110111100101000000111	10800	552547.5	208205.41	4940.75
011111100101000000111	10800	528669.04	217334.17	6695.16
011111100101000001101	10500	524791.82	224484.29	6740.03
11010100010100100100	7100	466068.24	199421.72	10041.96
01010100010100100100	5300	431594	184628.78	12206
01110010010100100100	7100	435246.02	208529.16	11665.33
01110100010100100100	7100	441904.6	198992.13	11843.9
11110010010100100100	8900	469338.3	218989.62	9564.95
10010100010100100100	6200	449555.42	181310.78	10900.43
01110010010100111101	11400	493429.76	240125.55	8975.04
01010110010100111101	10300	506567.24	230743.92	8305.46
11011111000100100101	9300	548107.18	219131.64	5048.47
10011111000100100101	8400	533113.08	214303.79	5653.82
01010100010101000100	6800	472534.86	181575.37	9012.19
11011111000100100111	11300	563035.1	221346.64	4651.15
10010110010100111101	11200	526052.6	222802.31	6745.9
00010110010100111101	9400	487362.04	218430.43	9612.66
01110100010101100100	9100	487393.08	208170.65	8563.82
01010100010101100100	7300	477472.6	198415.56	8860.9
11111100010101100100	11600	551060.24	213952.91	5677.96

01111100010101100100	9800	520228.36	213956.68	7234.94
11010110010101100100	9800	522663.62	213762.58	6498.73
00010100010101100100	6400	457020.54	178271.16	10375.91
01011100010101100100	8000	510307.88	206340.25	7532.02
11010100010101100100	9100	508686.44	205827.41	7240.26
01110110010101100100	9800	501370.26	218458.99	7822.29
01101100010110000000	6800	477904.78	171636.86	9663.87
11001100010110000000	6800	504636.48	171988.67	7433.92
01001100010110000000	5000	467033.9	159609.13	10119.35
10011110010110000100	8000	537691.96	191290.03	5411.34
11001110010110000100	8000	530779.26	194955.79	5959.79
00101100010110000100	6400	469464.84	172886.27	10471.86
00001100010110000100	4600	458841.64	159267.52	10886.06
10001100010110000100	6400	499591.34	172592.35	7676.11
01111100010110000100	8200	516703.38	199321.39	6989.77
10011100010110000100	7300	523714.78	182255.97	6152.87
01101100010110000100	7300	490189.18	187017.2	8911.47
01001100010110000100	5500	480268.7	176365.61	9208.55
11011110010110000110	10900	567613.98	199694.85	4408.67
00011110010110000111	9000	535309.02	198595.34	6478.83
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11011110010110000111	11700	584245.34	194077.62	3798.11
01011110010110001110	10800	548327.98	213926.42	5530.67
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10001100010110010100	8200	527408.02	175531.96	6396.33
11011100010110100011	11000	565163.22	197731.89	4767.13
01001100010110100100	6000	485206.44	191482.12	9057.26
01010010010110100100	6200	460222.7	194636.21	10286.55
00110010010110100100	7100	452757.96	191185.54	10993.34
10010010010110100100	7100	475516.52	184766.87	9425.58
00010010010110100100	5300	438966.52	174239.15	11935.58
01110010010110100100	8000	472784.38	208615.44	9549.27
00010110010110100100	6000	466671.72	186145.89	10194.38
00001000010110100111	7200	471276.12	187226.04	10860.98
01110010010110101100	9700	484629.72	222875.87	9064.38
01011110010110101110	11300	553265.72	222780.8	5379.38
00011110010110101110	10400	536984.68	218508.06	6199.22
11011011000110100101	9500	554697.46	208304.82	5214.09
01011011000110100101	7700	519036.96	211594.12	7575.84
01010100010111101100	9900	521729.66	215190.21	7114.39
01011101000110000001	6700	514000	185132.82	7737
10111100000110100011	10800	556048.54	195104.91	5267.91
01001010000001000000	4300	417344.02	119909.06	15216.33
00111110000110000111	9700	540024.2	197609.97	6568.3
10111110000110000111	11500	575130.66	194545.35	4298.89
00011101000110100101	6800	511417.18	197977.8	8240.47
11011101000110100101	9500	566288.1	204246.4	4570.65
10111110000110100011	11500	569565.46	199262.87	4603.09
01100011000100100111	9000	445364.26	219363.44	12520.29
10111110000110100111	12000	579949.06	203548.52	4167.49

01011010011101100100	9800	525301.94	215565.89	6973.01
01001111100110001101	10400	557470.26	211668.46	5635.29
11011111000110100001	9700	569421.42	203298.29	4341.43
01011111000110100100	7600	527513.16	211827.6	6878.14
00011111000110100100	6700	508302.74	202408.45	8186.21
11011111000110100101	10200	579805.02	205566.39	3905.83
00011111000110100111	9500	546035.3	212274.04	6149.45
01011111000110100111	10400	563840.28	213568.04	5075.62
01001010011111100100	9800	529738.82	201726.94	7876.53
01011010011111100100	10700	557406.82	212248.99	5762.53
00011111000110101101	9200	538303.38	217532.87	6836.77
11011111000110110001	11500	594631.16	190434.67	3496.14
00011100100000000110	6500	480313.76	162332.43	8966.04
11011110100000001100	9600	538449.02	198524.39	5738.83
00101111000000100000	5500	422471.74	168565.81	14338.71
10101111000000100000	7300	474356.96	189589.58	9272.84
01101111000000100111	9700	496833.8	220852.29	9385.7
01101111000000101111	11400	515919.34	235375.3	7694.11
00011100100010000100	5400	490650.24	152976.66	9292.96
11011100100010000100	8100	544731.38	172198.39	5754.77
01011100100010000110	8300	530223.62	178610.8	6681.73
00011100100010000110	7400	512418.64	167965.47	7755.56
01011100100010000100	6300	509509.3	167749.86	8043.45
01011100100010000111	9100	548461.12	181894.04	5803.48
11011100100010010110	11900	588114.5	174001.09	3971.25
01011100100010100100	6800	517185.32	184086.11	7435.78
00011100100010100100	5900	498326.26	171526.04	8685.29
11011000100010100100	7900	526720.24	181054.44	6551.96
01111111010100000101	9900	522461.92	223473.75	6906.68
11111111010100000101	11700	556434.86	219412.44	4826.19
11011010010110000111	11000	558348.06	196714.12	5237.99
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11111110100100000100	10400	549923.8	204440.86	5269.7
00011110100100000100	5900	488977.86	177973.14	8595.69
01111110100100000100	8600	517757.4	203322.63	7049.1
01111110100100001100	10300	530685.08	216217.68	6383.82
10111110100100001100	11200	548298.98	206186.55	5136.17
01011110100100001100	8500	520764.6	208388.17	6680.9
11011110100100001100	10300	552230.62	206476	5018.23
10011110100100001100	9400	538760.46	198101.21	5369.59
00111110100100001100	9400	513701.32	206149.11	7320.78
01011110100100110111	11900	576161.68	213591.26	4238.72
01100111000100100111	9700	469806.78	223552.43	11322.87
10011110010100111101	11900	565868.28	219336.67	4253.62
01011110100110000111	10500	576268.92	194238.02	4333.18
11011110100110001100	11200	584335.5	192355.5	3807.75
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01011010100110001111	11500	562821.96	209088	5187.34

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11011100100110100011	11600	584967.32	187876.25	4253.78
01011110100110100111	11000	581206.66	202392.78	4181.89
10011110100110110101	11700	604207.1	180762.46	3302.15
11011100010110000100	8200	538708.88	192752.72	5547.52
00011100010110000100	5500	487572.48	174087.69	8594.92
01010100100111010101	10900	569274.44	178302.81	5334.26
01101101000010101111	11600	539139.06	219149.73	6376.49
10110011000000100100	7300	446940.4	187511.8	10614.6
01110011000000100101	7200	444315.48	205407.9	11525.42
01011100010110100011	9200	534151.22	200085.93	6354.13
01011010110000111101	11300	539077.24	227562.05	5846.46
10011010101010100101	10300	568919.38	188296.67	4602.77
01111010101010100101	11200	563253.78	205715.51	5215.37
01011110101011000001	11100	584010.88	164905.96	5610.52
11011110010110000101	9700	569317.42	195478.96	4195.43
10011110010110000111	10800	569251.24	194220.9	4403.46
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10011010101011100100	11500	582664.42	183913.8	4451.93
01011010101011100101	11400	581074.5	189340.83	5190.25
00101111000010101101	9400	515976.46	216973.14	7840.59
01101111000010101110	11500	536024.62	221072.77	6322.23
01011000110010100100	7200	500641.38	186958.14	7797.77
01011010101111000101	11600	586226.5	182198.6	5236.25
01111100110000100100	8800	506698.52	209105.83	6880.58
01111000110000101101	10600	513576.16	229041.29	6508.64
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01110111000000100100	7100	450335.04	201083.42	11237.16
01011100110000111101	11300	552969.18	217871.33	4819.47
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11011100110010000100	9200	548390.48	179593.72	5625.92
01001100110010000101	7300	511275.04	173883.47	7894.16
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10011100110010100000	8300	530569.46	176839.64	6079.09
00011100110010100000	6500	496966.54	168759.37	8097.91
01111000110010100100	9000	515876.78	200574.89	6614.87
00011100110010100100	7000	507350.14	182354.01	7662.31
10011100110010100100	8800	540953.06	186718.63	5643.49
01011100110010100100	7900	526209.2	194577.13	6412.8
11111100110010100100	11500	565485.68	200550.13	4804.72
11011100110010100100	9700	555947.16	194280.81	5038.14
01111100110010100100	9700	538803.4	203557.78	5670.1
00011100110010100101	7800	526606.2	188441.87	6614.3
00001100110010100100	6100	476679.74	168600.93	10276.71
01011100110010100101	8700	545465.26	196667.71	5364.79
01011100110010101100	9600	538997.98	209309.19	5770.67
01011100110011100100	9900	556308.52	198044.77	5697.58
11011100110011100100	11700	586046.48	190367.36	4322.92
11011110110100001100	11400	555889.72	213345.07	4889.38
01011000110100110111	11600	543291.44	220754.62	5733.76

01011000110100111101	11300	539414.22	227625.14	5778.63
11101111000100100100	9400	518700.5	223319.84	6647.25
01011110110110000111	11600	581319.6	198790.11	3972.4
01011011100110001101	10600	553611.18	211302.28	5899.47
00011011100110001111	11700	557025.9	214747.24	5527.35
00011100110110100100	7700	521067.18	193801.63	6952.47
01011100110110100100	8600	539926.24	204764.31	5702.96
01001000110110101101	9500	520233.52	211022.71	7262.08
01101000110110101101	11300	532795.2	217047.06	6524.8
01111010110111100000	11900	561073.26	210397.19	5252.79
010111001101111100101	11400	587117.18	198960.43	4300.47
01011010110111110000	11900	573566.7	195897.53	5170.55
01111011000000100000	6600	453907.88	189339.45	10614.02
11111011000000100100	8900	507097.62	216893.87	6625.73
10001100000110100011	8100	522386.58	183919.99	7024.57
10111011000000100111	10800	524069.84	224374.46	6155.36
00011010000001000001	5100	445872.04	136334.62	13226.66
01010111000000100100	5300	437746.96	185775.65	11978.84
00011110110010100100	7700	521327.32	192299.68	6920.78
11011110110010100100	10400	569924.34	198022.21	4296.61
10111101000000100100	8000	500592.7	201127.89	7104.55
11111101000000100100	8900	515586.8	210761.18	6499.2
01110011000100100100	7100	436841.4	205353.59	12186.1
11110011000100100100	8900	477158.74	215382.16	9048.21
00110011000100100111	9000	456901.22	217596.26	11201.13
11110011000100100111	11700	511774.42	231132.64	7530.93
01111111000000000000	6800	466249.32	179071.24	10761.78
011110000011111100101	11500	563112.08	198605.33	6260.32
01101111000110100101	9300	527550.8	214832.2	7892.2
010010101111111100100	11500	557351.62	200844.09	6542.73
10011011000000000000	5200	454436.48	142754.01	10185.92
00011011000000000000	3400	399041.62	121383.52	15836.73
01011011000000000000	4300	427299.38	145013.62	13020.77
01111011000000000000	6100	442792.78	165730.29	11794.87
11011011000000000000	6100	471262.26	161723.17	9275.29
01010011000000000100	4100	400309.06	146522.6	14670.49
10011001000000000000	4500	428165.06	121597.45	12976.49
01011001000000000000	3600	402345.38	122682.55	15591.77
01011011000000000001	5100	444541.3	159637.15	12308.45
00111011000000000000	5200	419454.06	145067.35	13790.99
10011011000000000001	6000	473510.08	157354.92	9168.32
10011011000000000100	5700	471708.8	163206.33	8602.2
10111111000000100000	8200	499865.8	199951.65	7518.7
10011111000000100000	6400	490327.28	185150.57	7752.12
11011111000000100000	7300	507153.06	197699.62	6841.49
11111111000000100000	9100	516691.58	209533.54	6608.07
11010011000000100100	6400	453639.9	187365.05	10035.35
01010011000000100100	4600	410273	170390.56	13681.5
01110011000000100100	6400	425502.28	190334.43	12499.62
01100111000000100111	9000	458763.46	214741.67	11587.09

00010011000000100100	3700	379847.02	145676.67	16858.83
01111111000000100000	7300	476374.24	198327.26	9745.96
01000111000000100111	7200	446175.38	203883.72	12328.77
10010011000000100100	5500	434760.68	167312.1	11288.22
11101111000000100111	11500	539623.5	224646.14	5835.75
10011011000000100111	9000	511890.12	211338.82	6828.98
01001111000000101101	7600	483635.5	219628.89	9627.75
01111011000000100111	9900	503514.44	226869.16	7893.26
11000111000000100111	9000	492343.74	215093.19	8215.71
10001111000000101111	10500	528460.16	228002.89	5935.64
01000111000000101111	8900	465590.02	224124.26	10582.33
01010011000000101100	6300	422118.34	193315.42	13196.61
00101111000000101111	10500	499638.3	231809.77	8513.95
01110111000000101111	11600	500084.9	237627.89	8686.85
11001111000000101101	9400	527002.4	225225.77	5981.6
10111111000000100100	8700	514569.88	214274.29	6363.02
10100111000000101111	11600	498738.72	230618.45	8101.88
11111111000000100100	9600	529563.98	221392.7	5757.67
11111111000000101000	10800	528536.92	218641.25	6123.18
110011110000001001101	10900	549545.04	199573.22	5854.16
010100110000001100100	6600	454747.84	185095.58	10570.36
100011110000001100101	8800	530539.36	198581.04	6310.44
000011110000001101101	8700	504347.54	207617.93	8583.41
110011110000001101101	11400	557101.72	213866.8	5266.38
010011110000001101101	9600	522034.02	215651.01	7529.33
010111110000001101101	10500	543940.82	217463.83	6375.53
010001110000001101101	8900	489198.74	214595.93	8858.21
010011110000001101111	11600	541729.78	219697.54	6337.37
000111110000001101101	9600	526254.34	211371.15	7429.61
10011011000010000000	6100	492004.48	156522.18	8064.92
00011011000010000000	4300	447911.34	142456.7	11832.11
01010101000010000001	5300	456909.52	157285.37	11532.08
00010101000010000001	4400	436180.38	137651.17	13093.27
11111101000010000110	11300	555062.92	198868.46	5479.18
11111101000010001100	11000	552287.18	202423.85	5340.47
11011101000010001110	11200	557676.58	200031.82	5176.57
01011111000010100000	6400	506086.24	191379.97	7577.96
10111111000010100000	9100	536291.16	200627.52	5588.14
11111111000010100000	10000	551285.26	206142.49	4982.79
10011011000010100100	7100	512028.68	189716.67	6694.22
00011111000010100101	6800	513890.78	197219.2	7839.87
01011111000010100101	7700	533101.2	203901.51	6531.8
01010011000010100100	5500	450698.92	178183.84	11084.18
11001111000010100111	10600	561782.82	206707.53	4926.53
11010011000010100100	7300	486359.42	187853.32	8722.43
01001111000010100101	6800	506587	200539.49	8453.5
11001111000010101011	11800	563244.56	208784.25	4877.24
10101111000010101101	11200	554768.6	217214.62	4956.9
00101111000010101111	11400	536374.94	223504.19	6531.51
01001111000010101111	10500	542735.5	220422.69	6008.75

01000111000010101111	9800	505608.9	217781.72	8052.85
10001111000010101111	11400	560158	216076.3	4793
01011111000010101111	11400	564642.3	219306.67	4854.95
11001111010100000101	9000	524989.54	214854.99	6213.41
01001111000011100001	8300	526895.52	191535.16	8075.08
10101111000011100101	11500	571775.72	196248.25	4934.38
11001111000011100101	10600	576954.22	194224.88	4608.63
10001111000011100101	9700	562237.2	192890.59	5167.8
01001111000011100101	8800	537279.12	197572.37	7639.48
01101111000011100101	10600	547199.6	200674.2	7342.4
10101011000011100101	10800	548155.56	195625.9	5994.74
10001101000011101101	10700	561812.48	201328.35	5139.92
00001111000011101101	9600	536045.38	205169.63	7440.77
10001111000011110101	11500	587446.94	179478.23	4322.51
11011011000100000000	6800	485043.86	178225.77	8554.69
10011011000100000000	5900	468218.08	160517.05	9465.32
01011011000100000000	5000	441080.98	165750.81	12300.17
10011111000100000101	7900	528294.68	198074.43	5785.22
11011111000100000101	8800	543288.78	205115.41	5179.87
11111011000100000111	11900	544894.66	217676.7	5482.89
01111011000100000111	10100	509345.16	220482.05	7826.14
10011111000100010011	11200	553195.22	194026.43	5787.13
11011101000100010100	9100	540244.5	193966.92	5294.25
10011111000100010111	11700	568432.34	203982.9	4542.61
11001111000100010111	11700	561519.64	210599.33	5091.06
01111111000100100000	8000	487417.56	208978.94	9481.74
01111011000100100011	10100	501888.88	222834.48	8445.52
01010011000100100100	5300	421612.12	188771.92	13367.98
10010011000100100100	6200	448466.2	182719.31	10580.3
11111101000100100100	9600	526630.12	216636.45	6234.98
10111011000100100111	11500	535113.16	229575.91	5891.14
00111011000100100111	9700	496752.78	228444.02	8702.87
01111011000100100111	10600	514557.76	235044.76	7629.04
11011011000100100111	10600	537927.54	224809.43	5959.41
01011011000100100111	8800	499328.48	225627.15	8810.92
10011011000100100111	9700	522933.44	219902.47	6564.76
00011001000100101110	8100	464184.04	207203.44	10514.66
00011011000100100111	7900	481523.5	216059.25	9884.75
11011001000100101100	8800	504136.22	213572.1	7240.63
11111101000100110100	11400	554601.42	210344.52	4929.43
11011101000100110100	9600	545062.9	206139.12	5162.85
00011101000100110100	6900	482485.58	184029.55	10117.07
10111111000100110100	11200	550822.94	213434.2	5253.51
10011101000100110100	8700	530068.8	196716.27	5768.2
10011101000100110101	9500	547107.2	201935.76	5089.8
10001111000100111101	11000	549785.3	220302.16	5223.45
11011111000101100101	11300	578206.5	204446.89	4333.25
00001111000101101101	9400	515390.86	215040.25	8319.19
10001111000101101101	11200	554674.88	213682.39	5353.52
01011111000101110101	11300	568348.54	198080.03	5750.91

10010101000110000001	6900	490559.4	165289.19	9188.1
00010101000110000001	5100	450682.58	153152.76	12252.57
01010101000110000001	6000	471411.72	171526.52	10691.38
11000101000110000001	6900	485165.42	172930.08	9483.43
00000101000110000001	4200	421951.74	139983.88	14543.71
01010101000110000101	6500	483220.92	187002.06	10018.18
00111111000110000101	8800	530738.9	202108.17	7292.85
10011101000110000001	7600	534666.4	179951.6	5980.6
00011101000110000101	6300	506598.78	184841.28	8371.87
11011111000110000101	9700	574986.62	196834.54	4037.23
01011111000110000101	7900	539326.12	201468.38	6398.98
11011101000110011100	11700	584194.72	191248.51	3598.88
10011111000110100001	8800	554427.32	200073.88	4946.78
00011111000110100001	7000	514550.5	197054.83	8011.25
01111101000110100011	11000	549860.24	207770.11	5878.96
11001011000110100100	7800	514774.74	203654.94	7209.21
01010111000110100101	7700	505847.56	207168.54	8506.74
10011111000110100101	9300	564810.92	204805.46	4511.18
00111111000000100000	6400	455220.78	184084.43	11377.87
00011111000110100101	7500	524934.1	205502.06	7575.65
01111111000110100101	10200	554065	214696.24	5970.5
01011111000110100101	8400	544144.52	210923.93	6267.58
11111111000110100101	12000	589343.54	206627.37	3672.41
00010111000110100101	6800	485118.42	195986.27	10067.93
11011011000110100111	11500	569625.38	210963.78	4816.77
01111111000110101101	11900	565910.34	222242.8	5485.61
01001111000110101111	11200	553778.82	225718.31	5744.53
11011111000110110101	12000	605014.76	190412.93	3060.54
00011111000110110101	9300	550143.84	193896.74	6730.36
10011111000111001001	12000	591651.92	183911.53	3861.68
01011101000111001010	11600	559448.44	201141.22	5882.26
11011101000111001100	11900	586629.58	196224.96	4138.07
10011101000111010100	11100	587731.68	174318.83	3927.72
11011101000111010100	12000	602448.7	179260.41	3368.55
01111111000111100100	11400	568125.76	208483.19	5767.04
00111111000111100101	11300	566526.5	200726.05	6301.25
01011111000111100101	10400	574836.64	201389.23	5453.56
00011111000111100101	9500	555903.3	198594.84	6715.45
10011111000111100101	11300	595187.32	190517.15	3749.78
01111101000010101110	11700	544261.08	220212.25	5858.82
01011011001000000100	6600	469128.58	179640.66	10572.57
10000011000000100100	4600	407867.28	149674.35	13273.12
01111001000100100111	9900	501040.84	223399.11	8293.86
01111111000000100001	8100	493616.16	205855.45	9033.64
00111011001100100111	11500	522084.86	231379.1	7709.19
01011001001100101100	8800	486893.76	212251.64	9761.04
01111011001100101100	11300	515001.02	237645.94	8020.83
01111001001100101100	10600	501330.68	224720.67	8711.22
01011011001100101100	9500	500564.1	226513.13	9070.65
10011001001100101100	9700	516790.5	204666.37	6466.25

11011001001100101101	11400	547452.48	213541.21	5410.92
00111011001100101100	10400	498017.26	229896.4	8957.79
11111011000100100101	10400	535179.34	227127.23	5683.11
01111011000100100101	8600	494862	225822.85	8821
10111011000100100101	9500	520185.24	221059.56	6288.46
00111011000100100101	7700	476354.3	215094.24	10011.95
10111011000100100110	10700	518074.76	226082.89	6569.54
11111011000100100110	11600	533068.86	232019.97	5964.19
10011111001110010100	11600	590898.9	180103.09	3914.85
01011011001110010110	12000	566993.66	202305.69	5425.39
00011111001110100101	9300	548491.38	200155.94	6877.77
11011111001110100101	12000	603362.3	190275.09	3207.95
00111111001110100101	11100	559114.58	206040.39	6463.57
01111001001110101100	11500	538474.36	223473.22	6660.94
01011001001110101100	9700	526705.04	214688.19	7266.16
10011011001111000101	11900	590991.6	177025.58	4129.4
01110111000110100101	9500	515768.04	213079.51	8209.66
01011011010000000000	5400	440514.92	162130.13	11299.18
10011111010000000101	8300	518120.64	198417.66	6385.56
01011111010000000101	7400	498759.84	203497.52	7924.36
11011111010000000101	9200	533114.74	206382.13	5780.21
01011111010000100000	6600	476405.72	198767.31	8865.38
01010011010000100100	5700	422892.56	189952.33	12059.24
10000111010000100111	9200	476390.6	216302.18	9461.9
01100111010000100111	10100	464742.22	228512.94	11071.63
01110011010000110110	11300	478016.92	226003.68	9675.18
01011000000110100011	7400	503838.36	188096.9	8048.94
00000111000000100111	6300	423803.8	189561.56	14163.7
11111101010001100100	12000	549293.68	216479.89	5663.72
11001101010010000101	8500	529388.86	193897.34	6456.19
01001101010010000101	6700	493094.16	189471.8	8923.64
01010111010100000101	7400	473629.84	212305.01	9545.36
10001101010011110001	11400	569300.66	183220.98	4944.89
11011111010100000100	9100	529857.94	214545	5738.01
10011111010100000100	8200	514863.84	203843.69	6343.36
10111111010100000101	10800	541440.76	215675.57	5431.54
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00001111010100000101	6300	461967.38	197743.05	11241.77
01011111010100000111	10100	528264	222312.74	6674
01111111010100000111	11900	538184.48	227846.43	6376.92
11011111010100000111	11900	561824.26	216129.33	4662.29
11010111010100000101	9200	507984.74	215659.32	7401.21
11011111010100000101	9900	546896.34	213915.28	5059.61
01011111010100000101	8100	512541.44	215265.26	7203.76
10011111010100001101	10700	545271.52	216915.05	4926.08
00011111010100001101	8900	506700.3	219345.82	7772.95
11011111010100010101	11700	571951.46	210264.74	4240.09
11011111010100100101	10400	551714.74	227006.05	4928.21
10011111010100100101	9500	536720.64	222515.15	5533.56
01111011010100100111	11700	520536.52	244366.94	7113.58

10011011010100100111	10800	526541	226323.59	6444.5
01011111010100100101	8600	517359.84	229079.73	7072.36
01110111010100101101	11400	500214.06	249788.22	8631.99
01100111010100101110	11700	478161.78	241906.31	9739.37
01000111010100101110	9900	468241.3	235298.28	10036.45
01011101010100110100	8900	514160.94	212149.46	7212.51
11011101010100110100	10700	548515.84	216154.09	5068.36
00001101010100110100	7100	463586.88	189190.88	11250.52
01110101010101100100	10200	496789.18	219536.06	8265.47
00111111010101100101	11500	542409.42	219286.28	6661.43
10111101010110000001	10500	547812.48	196462.97	5626.92
10001011000000000000	4300	426486.6	124402.39	12346.9
00001101010110000100	5700	468357.08	180518.05	10567.82
01011111010110000101	9000	546906.88	211739.29	5616.52
01001111010110000111	10100	536115.24	215724.39	7008.46
11011100000110000011	9400	555141.32	180007.41	5284.78
00011111010110100101	8600	532514.86	215184.46	6793.19
11010111010110100101	10600	545115.62	216036.97	6024.73
00111111010110100101	10400	543138.06	221140.79	6378.99
01001001010110101101	8900	501654.78	222841.84	8357.87
00101001010110101101	9800	497232.7	221172.78	8557.55
11011100000110000111	9900	567069.32	187080.31	4591.78
01011100000110000111	8100	534391.78	188405.15	6456.37
01001111010111001101	11800	567537.54	214809.02	5471.41
01111011000110100111	11500	551294.4	224820.12	5646.6
11111101011000100100	11800	542751.64	218242.76	5681.06
01111111011000100100	10700	522755.88	227370.98	7020.02
01111101011000100100	10000	508778.7	216081.79	7761.55
10011100000110100010	8200	529418.4	183670.01	6188.6
11011101011001100100	12000	563312.44	201178.06	5199.26
10011101011001100100	11100	548595.42	196489.32	5758.43
01011110000110000011	8300	535980.7	185753.13	6484.55
11011110000110000011	10100	568658.24	184454.55	4619.96
01011100000110110111	10400	568438.3	189533.59	4809.95
10111101011010100100	11800	559862.42	209377.39	5075.93
10011110000110000101	7700	550664.22	184069.47	4929.63
00011110000110000110	7100	513420.82	185882.16	7484.53
01000111011100101110	11700	492413.22	232830.84	9236.13
00011110000110100101	6400	513940.26	193846.56	8140.29
10011110000110100111	10200	570410.54	200330.48	4400.91
01011011011110000110	11300	546620.76	219845.5	5945.54
01011101010100000101	7400	499024.52	204250.69	7868.58
10011101010100000101	8300	518385.32	197371.19	6329.78
11011101010100000101	9200	533379.42	206590.1	5724.43
00111111000110100100	8500	518925.94	211498.52	7772.01
10111111000110100101	11100	574349.44	208833.6	4277.76
00111111000110100101	9300	535557.3	212241.53	7161.45
00011111100000100000	6300	478193.34	180409.16	9461.11
11001111000000100111	9700	530084.98	218638.18	6069.17
01001111000000100111	7900	484245.72	212133	10127.38

00001111000000101101	6700	465949.02	208968.33	10681.83
10001111000000101101	8500	513532.24	219226.15	6332.96
0100111100000101101	11300	549646.82	218793.84	6195.53
11001101100010000101	9100	549244.5	181776.61	5934.25
01001101100010000101	7300	513719	180644.47	8273.5
01011011100010001111	11900	559525.34	211326.69	5428.11
00011111010100000100	6400	476292.62	196512.83	9190.23
00011111010100000101	7200	493331.02	203900.29	8511.83
10011111010100000101	9000	531902.24	207211.25	5664.96
01011101101110010100	11700	587222.48	180262.7	4519.92
01011011100100001111	11700	541609.1	231657.04	5850.15
00111011100100100111	11400	529997.18	234259.04	6430.47
11011101100100110100	11300	568526.1	206111.95	4520.65
11010001000000100100	5700	431566.62	168555.57	12126.23
01011101100100110100	9500	537608	205400.72	6092
01111101100100110100	11300	547528.48	209395.21	5794.92
00001001110110101101	9700	512525.26	214015.72	7920.79
10011101100110000001	9300	558129.6	176822.43	5338.4
11011111100110000100	10600	581818.46	193895.8	4005.59
01111011100110000101	10700	554591.64	206018.5	5603.06
00111011100110000111	11800	556482.42	209616.64	5484.93
10011111100110001001	11700	585015.8	187471.29	3934.7
00011111100110001001	9900	550232.74	196784.82	6150.21
00111011100110001101	11500	549453.22	211004.72	6055.13
10011111100110010100	11500	592034.1	179635.59	3765.65
00011111100110010100	9700	557251.04	184534.12	5981.16
01011111100110100101	10100	572350.12	207519.57	4834.98
00011111100110100101	9200	553491.06	204079.58	6084.49
01001001100110101101	9500	522279.62	215170.04	7707.73
01011111100111000001	11100	585821.84	185874.7	4924.36
10011111100111000001	12000	602022.92	169432.69	3912.18
11111100010110000100	10000	548247.4	200117.4	5314.1
01001111100111001001	11900	575760.38	195713.81	5593.27
00011111100111100101	11200	583867.46	192135.72	5323.09
10000101000110000001	6000	466435.96	157276.86	10711.34
11010011000000100000	5900	440767.5	166091.81	10885.75
01010011000000100101	5400	429086.2	187814.63	12707.3
11010011000000100101	7200	472453.1	200769.22	9061.15
10010011000000100101	6300	455940.28	184713.55	9919.62
11011111101010000001	12000	596416.3	171210.36	4090.95
01011111101010000001	10200	565498.2	180206.41	5662.3
01011111101010010100	11700	585088.86	180361.4	4887.19
01011101101011000001	11500	582080.6	171971.22	5611.9
01111110010110000111	11700	563034.48	206827.39	5107.92
11001111000010101101	10300	558700.24	213636.58	4838.96
10001111000010101101	9400	545230.08	211703.88	5190.32
00001111000010101111	9600	526454.46	217956.92	6828.59
01011011110000110110	11900	535821.44	225158.75	6096.76
01011001101100101100	10500	522805.76	223583.73	7044.04
11001011000100100111	9700	514636.18	222130.38	7343.97

10001011000100100111	8800	497425.44	215283.02	8318.76
00001101110110101101	10400	539017.38	219556.87	6381.77
10001010101011100101	11400	576235.18	173015.52	5187.47
01010111000000100000	4800	424874.56	163207.5	12829.24
11011101110000110100	11700	560935.72	208530.24	4690.38
01111101110000110100	11700	543911.3	214179.12	5302.45
01011101110000110110	11900	549713.38	213066.88	5069.77
11010111000000100100	7100	481113.86	200681.9	8332.69
01001101110010000101	8400	521299.76	190417.14	7491.04
01011101110010000101	9300	547813.96	194891.73	5569.34
01011111110010000101	10000	561330.88	198453.69	4904.52
00011101110010100100	8100	519419.96	195433.99	6918.34
01111010000000000000	5000	430440.6	146256.98	12585.9
01011111110100000101	9800	543414.64	217081.7	5326.56
11011111110100000101	11600	570359.54	208417.17	4417.41
01001001110100101101	9700	498162.54	230787.57	8067.91
01001001110100101111	11700	513885.1	240283.73	7538.15
11000110010100111101	11200	519134.68	231400.08	7295.22
11011011000000000001	6900	488504.18	172326.8	8562.97
01001111110110001001	11000	553241.82	210898.9	5526.03
10111100110010100100	10600	550491.58	195955.11	5410.07
01001001110110101100	9800	513075.6	218399.48	7561.4
01001001110110101101	10600	529860.38	223751.95	6925.27
01011001110110101101	11500	553151.74	227587.83	5540.71
01001101110110101101	11300	556352.5	225086.12	5386.25
01001011110110101101	11300	543377.3	229283.94	6260.45
00000100010110000100	3900	414734.64	136549.07	14093.56
11000100010110000100	6600	474213.8	172775.74	9655.7
01001111110111000101	11800	578697.6	197824.96	5390.4
01011011000000100000	4800	438678.6	170158.1	11795.9
11011011000000100000	6600	482045.5	186143.95	8149.75
11011011000000100100	7100	494917.9	201799.99	7299.35
01011011000000100100	5300	451551	189529.79	10945.5
01001011111100100110	11700	517402.52	232132.18	8117.58
11010011000100100100	7100	464979.02	201511.82	9721.83
00111111100110001001	11700	560504.58	201058.33	5794.57
01011111000000000000	5000	453661.24	162990.67	11503.46
11011111000000000000	6800	497028.14	177631.98	7857.31
01011001111110101000	12000	552107.8	218322.89	5486.7
01001000010110000100	4800	442756.44	158792.6	12584.26
00001000010110000100	3900	418278.44	137487.53	14770.26
00001111000110100101	6600	496203.26	203122.04	9866.79
01001111000110100101	7500	517630.32	210484.31	8189.28
01011110100110110101	10800	588163.76	188821.86	4288.04
00011110100110110111	11900	590054.54	189039.05	4169.91
10011010001111000001	10300	569144	167665.42	5208
00001111000110101111	10300	537497.78	224512.98	6564.37

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Ω	f1	f2	f3	f4
01011010000000000000	3200	412273.48	412273.48	14257.42
11011010000000000000	5000	461223.86	461223.86	9680.69
01000000000000000010	2900	294537.68	294537.68	27741.72
10011010000000000000	4100	444398.08	444398.08	10591.32
110000000000000000100	3200	361210.76	361210.76	19415.54
01001010000000000101	3600	414606.1	414606.1	14827.65
100000000000000000110	4300	365252.6	365252.6	18938.9
000000000000000000110	2500	287875.84	287875.84	28253.36
010000000000000000110	3400	328051.76	328051.76	23451.04
110010100000000000101	5400	469177.4	469177.4	9314.1
00010001000110000001	4400	415525.5	415525.5	15235.75
11111110000000100000	8000	507363.28	507363.28	6895.12
10111110000000100000	7100	490537.5	490537.5	7805.75
00011111000000100000	4600	441929.98	441929.98	12236.67
01011111000000100000	5500	463786.16	463786.16	10487.64
00010010000000100100	2600	361921.62	361921.62	18578.73
11010010000000100100	5300	442160.36	442160.36	10680.94
10010010000000100100	4400	423281.14	423281.14	11933.81
11011010000000100000	5500	472717.2	472717.2	8436.8
01011111000000100001	6300	481028.08	481028.08	9775.32
00011110000000100000	3500	428210.88	428210.88	13255.52
01011111000000100100	6000	476658.56	476658.56	9637.24
01011010000001000000	5200	450672	450672	12159
01011000000001000000	4500	425718	425718	14730
00011010000001000000	4300	422691.32	422691.32	14928.78
10011010000001000001	6900	493848.08	493848.08	8812.32
10011010000001000000	6100	474774.48	474774.48	9829.92
01011110000001000000	5900	478102.52	478102.52	10463.58
11011110000001000000	7700	517680.36	517680.36	7448.94
00001010000001000001	4200	411950.06	411950.06	16382.99
10011010000001000100	6600	492165.6	492165.6	8226.4
10011110000001000000	6800	501131.66	501131.66	8313.39
01011010000001000100	5700	466231.44	466231.44	10860.76
11001110000001101101	10300	547773.42	547773.42	5553.43
00011100000010000110	5700	484006.88	484006.88	9222.52
010111100000010000111	8100	533617.82	533617.82	6597.03
010111000000010000110	6600	501811.86	501811.86	8148.69
110111000000010000110	8400	536196.1	536196.1	5999.65
110111000000010100011	9200	550460.8	550460.8	5160.2
010111000000010100011	7400	517393.32	517393.32	7089.78
000010000000010100111	5400	453686.98	453686.98	11735.17
010010000000010100111	6300	474539.84	474539.84	10153.36
100110100000011000000	7000	512342.48	512342.48	7708.92
110110100000011000000	7900	527059.5	527059.5	7149.75
11101111010100000101	10800	534528.06	534528.06	5979.99
000110000000011000000	4500	448343.26	448343.26	13205.79

01011010000011000000	6100	487004.3	487004.3	10243.95
01001000000011100101	6300	485997.72	485997.72	10454.38
10001110000011100101	8600	552908.9	552908.9	5454.85
11001111000111100101	11300	587997.54	587997.54	4344.41
10011110000100001100	7700	515297.26	515297.26	6011.79
01011100000100100011	7200	487256.4	487256.4	9548.6
11011100000100100011	9000	527521	527521	6419.5
01011010000100100111	7700	488334.64	488334.64	9375.56
11011010000100100111	9500	528599.24	528599.24	6246.46
10011010000100100111	8600	513605.14	513605.14	6851.81
11111010000100100111	11300	540778.96	540778.96	5572.84
10111010000100100111	10400	525784.86	525784.86	6178.19
00111010000100100111	8600	485758.94	485758.94	9267.51
11101110000100101100	10000	521217.54	521217.54	6449.41
11011110000100110011	11500	566299.2	566299.2	4900.8
01011100000100110100	6700	492299.9	492299.9	9107.35
10111100000100110100	9400	530330.56	530330.56	5813.24
10011110000100110111	11100	563973.98	563973.98	4689.67
01011010000101000000	5900	467127.32	467127.32	10992.78
00011010000101000100	5500	459284.32	459284.32	11701.28
11010100000110000001	6700	497625.12	497625.12	8636.48
10010100000110000001	5800	481112.3	481112.3	9494.95
10011100000110000011	8500	540147.22	540147.22	5890.13
00011100000110000011	6700	504658.8	504658.8	8223.2
01011110000110000101	6800	528212.94	528212.94	6983.51
01011110000110000110	8000	531225.8	531225.8	6410.7
10011110000110000111	9700	565592.14	565592.14	4532.31
01011110000110000111	8800	547908.7	547908.7	5791.55
11011110000110000111	10600	580586.24	580586.24	3926.96
01111110000110000111	10600	557829.18	557829.18	5494.47
00011110000110000111	7900	530103.72	530103.72	6865.38
10101100000110000100	7100	505470.76	505470.76	7571.54
01101100000110000100	6200	480959.14	480959.14	9968.81
11011110000110000101	8600	565658.32	565658.32	4324.28
01011110000110001111	10500	560991	560991	5100.5
10011110000110001111	11400	578961.42	578961.42	3793.43
11011110000110010101	10400	590919.6	590919.6	3470.4
10011110000110010111	11500	590853.42	590853.42	3678.43
01011100001111100101	10400	573883.16	573883.16	5985.14
11011100000110100001	7900	546576.2	546576.2	5293.3
11011100000110100010	9100	544412.5	544412.5	5583.25
11011100000110100011	9900	561504.12	561504.12	4895.98
00110010000110100100	6000	443476.38	443476.38	12059.27
01110010000110100100	6900	463502.8	463502.8	10615.2
00011100000110100011	7200	511140.94	511140.94	7814.51
11111100000110100011	11700	571042.64	571042.64	4662.56
10011100000110100011	9000	546510.02	546510.02	5501.33
01111110000110100111	11100	562766.92	562766.92	5343.18
10011100000110100001	7000	531582.1	531582.1	5898.65
11001110000110101011	11400	564959.58	564959.58	4900.07

01011100000110100011	8100	528945.92	528945.92	6740.68
01111110000110100101	9100	543071.16	543071.16	6535.14
11111110000110100101	10900	580015.24	580015.24	3959.46
10011010000110100111	9500	545302.98	545302.98	5709.17
10011100000110101011	10700	559879.3	559879.3	4762.45
11011100000110110011	11700	589066.7	589066.7	3658.55
01011110000110110101	9100	559958.16	559958.16	5720.64
10111110000110110101	11800	590282.42	590282.42	3710.93
10011110000110110111	12000	595671.82	595671.82	3547.03
01011110000110110111	11100	579653.92	579653.92	4528.68
00011110000110110111	10200	561848.94	561848.94	5602.51
11001100010110000100	7300	516802.08	516802.08	6701.32
01011110000110111101	10800	571803.5	571803.5	5235.75
10011010000111000101	9000	554683.44	554683.44	5684.76
10011000000111000101	8300	541166.52	541166.52	6349.58
11001100010110000101	8100	533893.7	533893.7	6014.05
01011010000111000101	8100	532070.52	532070.52	7765.58
10001100010110000101	7200	516682.96	516682.96	6988.84
01001100010110000101	6300	497360.32	497360.32	8521.28
10011110000111000111	11700	595968.54	595968.54	3770.91
11011101000010101110	11700	565233.26	565233.26	4588.79
01011110001111000101	10600	582462.34	582462.34	5471.61
01001010001000000100	4600	422104.48	422104.48	14644.92
01001010001000000101	5400	442051.14	442051.14	13481.81
10001010001000000101	6300	480104.4	480104.4	8827.6
00001000001000000101	3800	402216.68	402216.68	16639.22
00001010001000000101	4500	417046.34	417046.34	15755.61
11001000001000000101	6500	483105.52	483105.52	8633.08
01010101000110000000	5200	454320.1	454320.1	11378.65
00001010001000100101	5000	431187	431187	14070.5
11001010001000100101	7700	505230.32	505230.32	7205.28
10000010001001000100	6800	457038.5	457038.5	10668.25
00001100010110100100	5100	463779.38	463779.38	10734.77
00011001000100101100	6100	442555.8	442555.8	12028.7
01001010001010000101	6300	484684.16	484684.16	10516.64
01010101000110100001	6500	477655.72	477655.72	10322.38
11011010001011000101	11000	582007.42	582007.42	4676.43
10011010001011000101	10100	567290.4	567290.4	5235.6
01001110010110000100	6200	494245.88	494245.88	8467.02
01011000001011110101	10800	567669.66	567669.66	5924.39
00011010001100000101	6100	464285.88	464285.88	11956.02
11011011000100100011	10100	525258.66	525258.66	6775.89
11011010001101000101	10800	564091.18	564091.18	5098.47
01011011000100100110	8000	482290.08	482290.08	9489.32
01011011000100101111	10500	511173.82	511173.82	8326.03
10011010001110000101	8800	550695.6	550695.6	5276.4
11011010001110000101	9700	565689.7	565689.7	4671.05
01011010001110000101	7900	527766.96	527766.96	7409.84
10011110001110000111	11500	589149.42	589149.42	3834.43
11011100001110100011	11700	585061.4	585061.4	4198.1

10011110001110101101	11700	592409.18	592409.18	3361.47
01011010001110111101	11900	571591.1	571591.1	5623.15
11011010001111000001	11200	583861.02	583861.02	4648.83
10011010001111000100	10000	564440.64	564440.64	5125.56
10011010001111000101	10800	581072	581072	4515
11011010001111000101	11700	595789.02	595789.02	3955.83
10011110001111000101	11500	604597.9	604597.9	3470.35
11011000001111000101	11000	582272.1	582272.1	4620.65
10011000001111000101	10100	567555.08	567555.08	5179.82
11010111000110100101	9500	541508.06	541508.06	6144.99
10010111000110100101	8600	524995.24	524995.24	7003.46
01011010001111100101	10400	564859.68	564859.68	6200.72
11011000001111100101	11500	588076	588076	4325
01011000001111100101	9700	551342.76	551342.76	6865.54
01110010010000110110	10200	468620.82	468620.82	9973.53
11100111000000100101	8800	485783.98	485783.98	8574.67
01011000010000111101	8900	496988.42	496988.42	8004.93
10111000010000111101	11600	530681.5	530681.5	5433.75
11011101000100100100	7800	517091.6	517091.6	6468.4
00101100010010000100	5700	454297.84	454297.84	11423.36
01101100010010000100	6600	476407.58	476407.58	9632.07
01001100010010000100	4800	463813.38	463813.38	10374.77
01001110110000111101	11100	542278	542278	5692
11111100010010100100	9800	542022.48	542022.48	5446.92
00011100010010100100	5300	478793.18	478793.18	9153.47
11011100010010100100	8000	532483.96	532483.96	5680.34
00001000010010100111	6500	458892.28	458892.28	11348.62
00001000010010100101	4500	437912.28	437912.28	12754.62
11001000010010100101	7200	500945.9	500945.9	7724.35
10011100010010100100	7100	517489.86	517489.86	6285.69
00011000010010100111	7400	490069.68	490069.68	8649.72
01011100010010100100	6200	498003.6	498003.6	7845.4
00011001000110100101	6100	485782.58	485782.58	9636.57
01001000010011100001	6900	484792.62	484792.62	9841.23
00001000010011100101	6500	475715.84	475715.84	10755.36
01001000010011100101	7400	495176.22	495176.22	9405.63
11001100010011110001	11200	574740.92	574740.92	4664.18
00001100010100000100	3700	421436.36	421436.36	12979.94
10011110010100000101	7900	522625.48	522625.48	5943.42
11011110010100000101	8800	537619.58	537619.58	5338.07
11011110010100000111	10800	552547.5	552547.5	4940.75
01111110010100000111	10800	528669.04	528669.04	6695.16
01111110010100001101	10500	524791.82	524791.82	6740.03
10011110101011000001	12000	602351.5	602351.5	4241.75
11010100010100100100	7100	466068.24	466068.24	10041.96
01010100010100100100	5300	431594	431594	12206
01110010010100100100	7100	435246.02	435246.02	11665.33
01110100010100100100	7100	441904.6	441904.6	11843.9
11110010010100100100	8900	469338.3	469338.3	9564.95
10010100010100100100	6200	449555.42	449555.42	10900.43

01110010010100111101	11400	493429.76	493429.76	8975.04
01010110010100111101	10300	506567.24	506567.24	8305.46
11011111000100100101	9300	548107.18	548107.18	5048.47
10011111000100100101	8400	533113.08	533113.08	5653.82
01010100010101000100	6800	472534.86	472534.86	9012.19
11011111000100100111	11300	563035.1	563035.1	4651.15
01011111000100100111	9500	524436.04	524436.04	7502.66
10010110010100111101	11200	526052.6	526052.6	6745.9
00010110010100111101	9400	487362.04	487362.04	9612.66
01110100010101100100	9100	487393.08	487393.08	8563.82
01010100010101100100	7300	477472.6	477472.6	8860.9
11111100010101100100	11600	551060.24	551060.24	5677.96
01111100010101100100	9800	520228.36	520228.36	7234.94
11010110010101100100	9800	522663.62	522663.62	6498.73
00010100010101100100	6400	457020.54	457020.54	10375.91
01011100010101100100	8000	510307.88	510307.88	7532.02
11010100010101100100	9100	508686.44	508686.44	7240.26
01110110010101100100	9800	501370.26	501370.26	7822.29
01010100010101100101	8100	494971.26	494971.26	8105.79
01101100010110000000	6800	477904.78	477904.78	9663.87
11001100010110000000	6800	504636.48	504636.48	7433.92
01001100010110000000	5000	467033.9	467033.9	10119.35
10011110010110000100	8000	537691.96	537691.96	5411.34
11001110010110000100	8000	530779.26	530779.26	5959.79
00101100010110000100	6400	469464.84	469464.84	10471.86
00001100010110000100	4600	458841.64	458841.64	10886.06
10001100010110000100	6400	499591.34	499591.34	7676.11
01111100010110000100	8200	516703.38	516703.38	6989.77
10011100010110000100	7300	523714.78	523714.78	6152.87
01101100010110000100	7300	490189.18	490189.18	8911.47
01001100010110000100	5500	480268.7	480268.7	9208.55
11011110010110000110	10900	567613.98	567613.98	4408.67
00011110010110000111	9000	535309.02	535309.02	6478.83
01011110010110000111	9900	553114	553114	5405
11011110010110000111	11700	584245.34	584245.34	3798.11
01011110010110001110	10800	548327.98	548327.98	5530.67
01001100010110010100	7300	508085.38	508085.38	7928.77
10001100010110010100	8200	527408.02	527408.02	6396.33
11001100010110010100	9100	544618.76	544618.76	5421.54
11011100010110100011	11000	565163.22	565163.22	4767.13
01001100010110100100	6000	485206.44	485206.44	9057.26
01010010010110100100	6200	460222.7	460222.7	10286.55
00110010010110100100	7100	452757.96	452757.96	10993.34
10010010010110100100	7100	475516.52	475516.52	9425.58
00010010010110100100	5300	438966.52	438966.52	11935.58
01110010010110100100	8000	472784.38	472784.38	9549.27
00010110010110100100	6000	466671.72	466671.72	10194.38
00001000010110100111	7200	471276.12	471276.12	10860.98
01110010010110101100	9700	484629.72	484629.72	9064.38
01011110010110101110	11300	553265.72	553265.72	5379.38

00011110010110101110	10400	536984.68	536984.68	6199.22
11011011000110100101	9500	554697.46	554697.46	5214.09
01011011000110100101	7700	519036.96	519036.96	7575.84
00011110101011100101	11200	585032.92	585032.92	5513.18
01010010010111100100	8200	496376.5	496376.5	8562.25
01010100010111101100	9900	521729.66	521729.66	7114.39
01011101000110000001	6700	514000	514000	7737
10111100000110100011	10800	556048.54	556048.54	5267.91
01001010000001000000	4300	417344.02	417344.02	15216.33
00111110000110000111	9700	540024.2	540024.2	6568.3
10111110000110000111	11500	575130.66	575130.66	4298.89
01011101000110100001	7200	520244	520244	7368
00011101000110100101	6800	511417.18	511417.18	8240.47
11011101000110100101	9500	566288.1	566288.1	4570.65
10111110000110100011	11500	569565.46	569565.46	4603.09
01100011000100100111	9000	445364.26	445364.26	12520.29
10111110000110100111	12000	579949.06	579949.06	4167.49
01011010011101100100	9800	525301.94	525301.94	6973.01
01001111100110001101	10400	557470.26	557470.26	5635.29
11011111000110100001	9700	569421.42	569421.42	4341.43
01011111000110100100	7600	527513.16	527513.16	6878.14
00011111000110100100	6700	508302.74	508302.74	8186.21
11011111000110100101	10200	579805.02	579805.02	3905.83
00011111000110100111	9500	546035.3	546035.3	6149.45
01011111000110100111	10400	563840.28	563840.28	5075.62
01001010011111100100	9800	529738.82	529738.82	7876.53
01011010011111100100	10700	557406.82	557406.82	5762.53
01011111000110101100	9300	539358.5	539358.5	6393.25
00011111000110101101	9200	538303.38	538303.38	6836.77
11011111000110110001	11500	594631.16	594631.16	3496.14
00011100100000000110	6500	480313.76	480313.76	8966.04
11011110100000001100	9600	538449.02	538449.02	5738.83
00101111000000100000	5500	422471.74	422471.74	14338.71
10101111000000100000	7300	474356.96	474356.96	9272.84
01101111000000100111	9700	496833.8	496833.8	9385.7
01101111000000101111	11400	515919.34	515919.34	7694.11
00011100100010000100	5400	490650.24	490650.24	9292.96
11011100100010000100	8100	544731.38	544731.38	5754.77
01011100100010000110	8300	530223.62	530223.62	6681.73
00011100100010000110	7400	512418.64	512418.64	7755.56
01011100100010000100	6300	509509.3	509509.3	8043.45
01011100100010000111	9100	548461.12	548461.12	5803.48
11011100100010010110	11900	588114.5	588114.5	3971.25
01011100100010100100	6800	517185.32	517185.32	7435.78
00011100100010100100	5900	498326.26	498326.26	8685.29
11011000100010100100	7900	526720.24	526720.24	6551.96
01011100100010101110	10500	551134.16	551134.16	5357.64
01111111010100000101	9900	522461.92	522461.92	6906.68
11111111010100000101	11700	556434.86	556434.86	4826.19
11011010010110000111	11000	558348.06	558348.06	5237.99

01011010100011100101	9600	554950.06	554950.06	6315.99
01111010100011100101	11400	568021.02	568021.02	5493.83
10011110100011100101	11200	598278.9	598278.9	3658.85
11111110100100000100	10400	549923.8	549923.8	5269.7
00011110100100000100	5900	488977.86	488977.86	8595.69
01111110100100000100	8600	517757.4	517757.4	7049.1
01111110100100001100	10300	530685.08	530685.08	6383.82
10111110100100001100	11200	548298.98	548298.98	5136.17
01011110100100001100	8500	520764.6	520764.6	6680.9
11011110100100001100	10300	552230.62	552230.62	5018.23
10011110100100001100	9400	538760.46	538760.46	5369.59
00111110100100001100	9400	513701.32	513701.32	7320.78
01011110100100110111	11900	576161.68	576161.68	4238.72
01100111000100100111	9700	469806.78	469806.78	11322.87
10011110010100111101	11900	565868.28	565868.28	4253.62
01011110100110000111	10500	576268.92	576268.92	4333.18
11011110100110001100	11200	584335.5	584335.5	3807.75
10011110100110001100	10300	570865.34	570865.34	4159.11
01011010100110001111	11500	562821.96	562821.96	5187.34
01011100100110100011	9800	557306.14	557306.14	5282.31
11011100100110100011	11600	584967.32	584967.32	4253.78
01011110100110100111	11000	581206.66	581206.66	4181.89
10011110100110110101	11700	604207.1	604207.1	3302.15
11011100010110000100	8200	538708.88	538708.88	5547.52
00011100010110000100	5500	487572.48	487572.48	8594.92
01010100100111010101	10900	569274.44	569274.44	5334.26
01101101000010101111	11600	539139.06	539139.06	6376.49
10110011000000100100	7300	446940.4	446940.4	10614.6
01110011000000100101	7200	444315.48	444315.48	11525.42
01011100010110100011	9200	534151.22	534151.22	6354.13
01011010110000111101	11300	539077.24	539077.24	5846.46
10011010101010100101	10300	568919.38	568919.38	4602.77
01111010101010100101	11200	563253.78	563253.78	5215.37
01011110101011000001	11100	584010.88	584010.88	5610.52
11011110010110000101	9700	569317.42	569317.42	4195.43
10011110010110000111	10800	569251.24	569251.24	4403.46
01011110101011100001	11600	593231.3	593231.3	4745.45
10011010101011100100	11500	582664.42	582664.42	4451.93
01011010101011100101	11400	581074.5	581074.5	5190.25
00101111000010101101	9400	515976.46	515976.46	7840.59
01101111000010101110	11500	536024.62	536024.62	6322.23
01011000110010100100	7200	500641.38	500641.38	7797.77
01011010101111000101	11600	586226.5	586226.5	5236.25
01111100110000100100	8800	506698.52	506698.52	6880.58
01111000110000101101	10600	513576.16	513576.16	6508.64
01011000110000101101	8800	500505.2	500505.2	7330.8
01110111000000100100	7100	450335.04	450335.04	11237.16
01011100110000111101	11300	552969.18	552969.18	4819.47
01011000110000111101	10600	527861.62	527861.62	6127.73
11011100110010000100	9200	548390.48	548390.48	5625.92

01001100110010000101	7300	511275.04	511275.04	7894.16
01011100110010000100	7400	518533.18	518533.18	7020.47
10011100110010100000	8300	530569.46	530569.46	6079.09
00011100110010100000	6500	496966.54	496966.54	8097.91
01111000110010100100	9000	515876.78	515876.78	6614.87
00011100110010100100	7000	507350.14	507350.14	7662.31
10011100110010100100	8800	540953.06	540953.06	5643.49
01011100110010100100	7900	526209.2	526209.2	6412.8
11111100110010100100	11500	565485.68	565485.68	4804.72
11011100110010100100	9700	555947.16	555947.16	5038.14
01111100110010100100	9700	538803.4	538803.4	5670.1
00011100110010100101	7800	526606.2	526606.2	6614.3
00001100110010100100	6100	476679.74	476679.74	10276.71
01011100110010100101	8700	545465.26	545465.26	5364.79
01011100110010101100	9600	538997.98	538997.98	5770.67
01011100110011100100	9900	556308.52	556308.52	5697.58
11011100110011100100	11700	586046.48	586046.48	4322.92
11011110110100001100	11400	555889.72	555889.72	4889.38
01011000110100110111	11600	543291.44	543291.44	5733.76
01011000110100111101	11300	539414.22	539414.22	5778.63
11101111000100100100	9400	518700.5	518700.5	6647.25
01011110110110000111	11600	581319.6	581319.6	3972.4
01001110110110001101	10400	555535.58	555535.58	5171.07
01011011100110001101	10600	553611.18	553611.18	5899.47
00011011100110001111	11700	557025.9	557025.9	5527.35
00011100110110100100	7700	521067.18	521067.18	6952.47
01011100110110100100	8600	539926.24	539926.24	5702.96
01001000110110101101	9500	520233.52	520233.52	7262.08
01101000110110101101	11300	532795.2	532795.2	6524.8
01111010110111100000	11900	561073.26	561073.26	5252.79
01011100110111100101	11400	587117.18	587117.18	4300.47
01011010110111110000	11900	573566.7	573566.7	5170.55
01111011000000100000	6600	453907.88	453907.88	10614.02
11111011000000100100	8900	507097.62	507097.62	6625.73
100011000000110100011	8100	522386.58	522386.58	7024.57
10111011000000100111	10800	524069.84	524069.84	6155.36
00011010000001000001	5100	445872.04	445872.04	13226.66
01010111000000100100	5300	437746.96	437746.96	11978.84
01011101001100101100	9500	509434.16	509434.16	8880.64
11011101001100101100	11300	552801.06	552801.06	5234.49
00011110110010100100	7700	521327.32	521327.32	6920.78
11011110110010100100	10400	569924.34	569924.34	4296.61
10111101000000100100	8000	500592.7	500592.7	7104.55
11111101000000100100	8900	515586.8	515586.8	6499.2
01110011000100100100	7100	436841.4	436841.4	12186.1
11110011000100100100	8900	477158.74	477158.74	9048.21
00110011000100100111	9000	456901.22	456901.22	11201.13
11110011000100100111	11700	511774.42	511774.42	7530.93
01111111000000000000	6800	466249.32	466249.32	10761.78
01111000001111100101	11500	563112.08	563112.08	6260.32

01101111000110100101	9300	527550.8	527550.8	7892.2
010010101111111100100	11500	557351.62	557351.62	6542.73
10011011000000000000	5200	454436.48	454436.48	10185.92
00011011000000000000	3400	399041.62	399041.62	15836.73
01011011000000000000	4300	427299.38	427299.38	13020.77
01111011000000000000	6100	442792.78	442792.78	11794.87
11011011000000000000	6100	471262.26	471262.26	9275.29
01010011000000000100	4100	400309.06	400309.06	14670.49
10011001000000000000	4500	428165.06	428165.06	12976.49
01011001000000000000	3600	402345.38	402345.38	15591.77
010110110000000000001	5100	444541.3	444541.3	12308.45
00111011000000000000	5200	419454.06	419454.06	13790.99
100110110000000000001	6000	473510.08	473510.08	9168.32
1001101100000000000100	5700	471708.8	471708.8	8602.2
10111111000000100000	8200	499865.8	499865.8	7518.7
10011111000000100000	6400	490327.28	490327.28	7752.12
11011111000000100000	7300	507153.06	507153.06	6841.49
11111111000000100000	9100	516691.58	516691.58	6608.07
11010011000000100100	6400	453639.9	453639.9	10035.35
01010011000000100100	4600	410273	410273	13681.5
01110011000000100100	6400	425502.28	425502.28	12499.62
01100111000000100111	9000	458763.46	458763.46	11587.09
00010011000000100100	3700	379847.02	379847.02	16858.83
01111111000000100000	7300	476374.24	476374.24	9745.96
01000111000000100111	7200	446175.38	446175.38	12328.77
10010011000000100100	5500	434760.68	434760.68	11288.22
11101111000000100111	11500	539623.5	539623.5	5835.75
10011011000000100111	9000	511890.12	511890.12	6828.98
01001111000000101101	7600	483635.5	483635.5	9627.75
01111011000000100111	9900	503514.44	503514.44	7893.26
11000111000000100111	9000	492343.74	492343.74	8215.71
10001111000000101111	10500	528460.16	528460.16	5935.64
01000111000000101111	8900	465590.02	465590.02	10582.33
01010011000000101100	6300	422118.34	422118.34	13196.61
00101111000000101111	10500	499638.3	499638.3	8513.95
01110111000000101111	11600	500084.9	500084.9	8686.85
11001111000000101101	9400	527002.4	527002.4	5981.6
10111111000000100100	8700	514569.88	514569.88	6363.02
10100111000000101111	11600	498738.72	498738.72	8101.88
11111111000000100100	9600	529563.98	529563.98	5757.67
11111111000000101000	10800	528536.92	528536.92	6123.18
110011110000001001101	10900	549545.04	549545.04	5854.16
010100110000001100100	6600	454747.84	454747.84	10570.36
100011110000001100101	8800	530539.36	530539.36	6310.44
000011110000001101101	8700	504347.54	504347.54	8583.41
110011110000001101101	11400	557101.72	557101.72	5266.38
010011110000001101101	9600	522034.02	522034.02	7529.33
010111110000001101101	10500	543940.82	543940.82	6375.53
010001110000001101101	8900	489198.74	489198.74	8858.21
010011110000001101111	11600	541729.78	541729.78	6337.37

00011111000001101101	9600	526254.34	526254.34	7429.61
10011011000010000000	6100	492004.48	492004.48	8064.92
00011011000010000000	4300	447911.34	447911.34	11832.11
01010101000010000001	5300	456909.52	456909.52	11532.08
00010101000010000001	4400	436180.38	436180.38	13093.27
11011011000010000000	7000	506998.58	506998.58	7459.57
11111101000010000110	11300	555062.92	555062.92	5479.18
11111101000010001100	11000	552287.18	552287.18	5340.47
11011101000010001110	11200	557676.58	557676.58	5176.57
01011111000010100000	6400	506086.24	506086.24	7577.96
10111111000010100000	9100	536291.16	536291.16	5588.14
11111111000010100000	10000	551285.26	551285.26	4982.79
10011011000010100100	7100	512028.68	512028.68	6694.22
00011111000010100101	6800	513890.78	513890.78	7839.87
01011111000010100101	7700	533101.2	533101.2	6531.8
01010011000010100100	5500	450698.92	450698.92	11084.18
11001111000010100111	10600	561782.82	561782.82	4926.53
11010011000010100100	7300	486359.42	486359.42	8722.43
01001111000010100101	6800	506587	506587	8453.5
11001111000010101011	11800	563244.56	563244.56	4877.24
10101111000010101101	11200	554768.6	554768.6	4956.9
00101111000010101111	11400	536374.94	536374.94	6531.51
01001111000010101111	10500	542735.5	542735.5	6008.75
01000111000010101111	9800	505608.9	505608.9	8052.85
10001111000010101111	11400	560158	560158	4793
01011111000010101111	11400	564642.3	564642.3	4854.95
11001111010100000101	9000	524989.54	524989.54	6213.41
01001111000011100001	8300	526895.52	526895.52	8075.08
10101111000011100101	11500	571775.72	571775.72	4934.38
11001111000011100101	10600	576954.22	576954.22	4608.63
10001111000011100101	9700	562237.2	562237.2	5167.8
01001111000011100101	8800	537279.12	537279.12	7639.48
01101111000011100101	10600	547199.6	547199.6	7342.4
10101011000011100101	10800	548155.56	548155.56	5994.74
10001101000011101101	10700	561812.48	561812.48	5139.92
00001111000011101101	9600	536045.38	536045.38	7440.77
10001111000011110101	11500	587446.94	587446.94	4322.51
11011011000100000000	6800	485043.86	485043.86	8554.69
10011011000100000000	5900	468218.08	468218.08	9465.32
01011011000100000000	5000	441080.98	441080.98	12300.17
10010101000100000001	6000	446820.52	446820.52	12337.58
10011111000100000101	7900	528294.68	528294.68	5785.22
11011111000100000101	8800	543288.78	543288.78	5179.87
11111011000100000111	11900	544894.66	544894.66	5482.89
01111011000100000111	10100	509345.16	509345.16	7826.14
10011111000100010011	11200	553195.22	553195.22	5787.13
11011101000100010100	9100	540244.5	540244.5	5294.25
10011111000100010111	11700	568432.34	568432.34	4542.61
11001111000100010111	11700	561519.64	561519.64	5091.06
01111111000100100000	8000	487417.56	487417.56	9481.74

01111011000100100011	10100	501888.88	501888.88	8445.52
01010011000100100100	5300	421612.12	421612.12	13367.98
10010011000100100100	6200	448466.2	448466.2	10580.3
11111101000100100100	9600	526630.12	526630.12	6234.98
10111011000100100111	11500	535113.16	535113.16	5891.14
00111011000100100111	9700	496752.78	496752.78	8702.87
01111011000100100111	10600	514557.76	514557.76	7629.04
11011011000100100111	10600	537927.54	537927.54	5959.41
01011011000100100111	8800	499328.48	499328.48	8810.92
10011011000100100111	9700	522933.44	522933.44	6564.76
00011001000100101110	8100	464184.04	464184.04	10514.66
00011011000100100111	7900	481523.5	481523.5	9884.75
11011001000100101100	8800	504136.22	504136.22	7240.63
11111101000100110100	11400	554601.42	554601.42	4929.43
11011101000100110100	9600	545062.9	545062.9	5162.85
00011101000100110100	6900	482485.58	482485.58	10117.07
10111111000100110100	11200	550822.94	550822.94	5253.51
10011101000100110100	8700	530068.8	530068.8	5768.2
10011101000100110101	9500	547107.2	547107.2	5089.8
10001111000100111101	11000	549785.3	549785.3	5223.45
11011111000101100101	11300	578206.5	578206.5	4333.25
00001111000101101101	9400	515390.86	515390.86	8319.19
10001111000101101101	11200	554674.88	554674.88	5353.52
01011111000101110101	11300	568348.54	568348.54	5750.91
10010101000110000001	6900	490559.4	490559.4	9188.1
00010101000110000001	5100	450682.58	450682.58	12252.57
01010101000110000001	6000	471411.72	471411.72	10691.38
11000101000110000001	6900	485165.42	485165.42	9483.43
00000101000110000001	4200	421951.74	421951.74	14543.71
01010101000110000101	6500	483220.92	483220.92	10018.18
00111111000110000101	8800	530738.9	530738.9	7292.85
10011101000110000001	7600	534666.4	534666.4	5980.6
00011101000110000101	6300	506598.78	506598.78	8371.87
11011111000110000101	9700	574986.62	574986.62	4037.23
01011111000110000101	7900	539326.12	539326.12	6398.98
01011111000110000111	9900	559021.88	559021.88	5207.02
01111111000110000111	11700	568942.36	568942.36	4909.94
11011111000110000111	11700	589914.54	589914.54	3639.91
11011101000110011100	11700	584194.72	584194.72	3598.88
10011111000110100001	8800	554427.32	554427.32	4946.78
00011111000110100001	7000	514550.5	514550.5	8011.25
01111101000110100011	11000	549860.24	549860.24	5878.96
11001011000110100100	7800	514774.74	514774.74	7209.21
01010111000110100101	7700	505847.56	505847.56	8506.74
10011111000110100101	9300	564810.92	564810.92	4511.18
00111111000000100000	6400	455220.78	455220.78	11377.87
00011111000110100101	7500	524934.1	524934.1	7575.65
01111111000110100101	10200	554065	554065	5970.5
01011111000110100101	8400	544144.52	544144.52	6267.58
11111111000110100101	12000	589343.54	589343.54	3672.41

00010111000110100101	6800	485118.42	485118.42	10067.93
11011011000110100111	11500	569625.38	569625.38	4816.77
01111111000110101101	11900	565910.34	565910.34	5485.61
01001111000110101111	11200	553778.82	553778.82	5744.53
11011111000110110101	12000	605014.76	605014.76	3060.54
00011111000110110101	9300	550143.84	550143.84	6730.36
00101100010110000101	7200	486556.46	486556.46	9784.59
10011111000111001001	12000	591651.92	591651.92	3861.68
01011101000111001010	11600	559448.44	559448.44	5882.26
11011101000111001100	11900	586629.58	586629.58	4138.07
10011101000111010100	11100	587731.68	587731.68	3927.72
11011101000111010100	12000	602448.7	602448.7	3368.55
10010101000111010101	11200	570009.04	570009.04	4899.16
01111111000111100100	11400	568125.76	568125.76	5767.04
00111111000111100101	11300	566526.5	566526.5	6301.25
01011111000111100101	10400	574836.64	574836.64	5453.56
00011111000111100101	9500	555903.3	555903.3	6715.45
10011111000111100101	11300	595187.32	595187.32	3749.78
01111101000010101110	11700	544261.08	544261.08	5858.82
01011011001000000100	6600	469128.58	469128.58	10572.57
10000011000000100100	4600	407867.28	407867.28	13273.12
00010100000110100011	6500	472495.62	472495.62	10111.73
01111001000100100111	9900	501040.84	501040.84	8293.86
01111111000000100001	8100	493616.16	493616.16	9033.64
00111111000000101111	11400	521545.1	521545.1	7360.15
00111011001100100111	11500	522084.86	522084.86	7709.19
01011001001100101100	8800	486893.76	486893.76	9761.04
01111011001100101100	11300	515001.02	515001.02	8020.83
01111001001100101100	10600	501330.68	501330.68	8711.22
01011011001100101100	9500	500564.1	500564.1	9070.65
10011001001100101100	9700	516790.5	516790.5	6466.25
11011001001100101101	11400	547452.48	547452.48	5410.92
00111011001100101100	10400	498017.26	498017.26	8957.79
11111011000100100101	10400	535179.34	535179.34	5683.11
01111011000100100101	8600	494862	494862	8821
10111011000100100101	9500	520185.24	520185.24	6288.46
00111011000100100101	7700	476354.3	476354.3	10011.95
10111011000100100110	10700	518074.76	518074.76	6569.54
11111011000100100110	11600	533068.86	533068.86	5964.19
10011111001110010100	11600	590898.9	590898.9	3914.85
01011011001110010110	12000	566993.66	566993.66	5425.39
00011111001110100101	9300	548491.38	548491.38	6877.77
11011111001110100101	12000	603362.3	603362.3	3207.95
00111111001110100101	11100	559114.58	559114.58	6463.57
01111001001110101100	11500	538474.36	538474.36	6660.94
01011001001110101100	9700	526705.04	526705.04	7266.16
10011011001111000101	11900	590991.6	590991.6	4129.4
01110111000110100101	9500	515768.04	515768.04	8209.66
01011011010000000000	5400	440514.92	440514.92	11299.18
10011111010000000101	8300	518120.64	518120.64	6385.56

01011111010000000101	7400	498759.84	498759.84	7924.36
11011111010000000101	9200	533114.74	533114.74	5780.21
01011111010000100000	6600	476405.72	476405.72	8865.38
01010011010000100100	5700	422892.56	422892.56	12059.24
10000111010000100111	9200	476390.6	476390.6	9461.9
01100111010000100111	10100	464742.22	464742.22	11071.63
01110011010000110110	11300	478016.92	478016.92	9675.18
01011000000110100011	7400	503838.36	503838.36	8048.94
00000111000000100111	6300	423803.8	423803.8	14163.7
11111101010001100100	12000	549293.68	549293.68	5663.72
11001101010010000101	8500	529388.86	529388.86	6456.19
01001101010010000101	6700	493094.16	493094.16	8923.64
10111101000100110101	11300	556645.72	556645.72	4856.38
01011010000110000111	8100	521534.06	521534.06	7310.99
01010111010100000101	7400	473629.84	473629.84	9545.36
100011010100111110001	11400	569300.66	569300.66	4944.89
11011111010100000100	9100	529857.94	529857.94	5738.01
10011111010100000100	8200	514863.84	514863.84	6343.36
10111111010100000101	10800	541440.76	541440.76	5431.54
00111111010100000101	9000	503954.22	503954.22	8097.63
00001111010100000101	6300	461967.38	461967.38	11241.77
01011111010100000111	10100	528264	528264	6674
01111111010100000111	11900	538184.48	538184.48	6376.92
11011111010100000111	11900	561824.26	561824.26	4662.29
11010111010100000101	9200	507984.74	507984.74	7401.21
11011111010100000101	9900	546896.34	546896.34	5059.61
01011111010100000101	8100	512541.44	512541.44	7203.76
10011111010100001101	10700	545271.52	545271.52	4926.08
00011111010100001101	8900	506700.3	506700.3	7772.95
11011111010100010101	11700	571951.46	571951.46	4240.09
11011111010100100101	10400	551714.74	551714.74	4928.21
10011111010100100101	9500	536720.64	536720.64	5533.56
01111011010100100111	11700	520536.52	520536.52	7113.58
10011011010100100111	10800	526541	526541	6444.5
01011111010100100101	8600	517359.84	517359.84	7072.36
01011011010100100111	9900	507974.84	507974.84	7850.86
01110111010100101101	11400	500214.06	500214.06	8631.99
01100111010100101110	11700	478161.78	478161.78	9739.37
01000111010100101110	9900	468241.3	468241.3	10036.45
01011101010100110100	8900	514160.94	514160.94	7212.51
11011101010100110100	10700	548515.84	548515.84	5068.36
00001101010100110100	7100	463586.88	463586.88	11250.52
00111111010100110101	11300	533827.74	533827.74	7146.71
00111111000100100111	10400	519219.14	519219.14	7834.81
01110101010101100100	10200	496789.18	496789.18	8265.47
00111111010101100101	11500	542409.42	542409.42	6661.43
10111101010110000001	10500	547812.48	547812.48	5626.92
10001011000000000000	4300	426486.6	426486.6	12346.9
00001101010110000100	5700	468357.08	468357.08	10567.82
01011111010110000101	9000	546906.88	546906.88	5616.52

01001111010110000111	10100	536115.24	536115.24	7008.46
11011100000110000011	9400	555141.32	555141.32	5284.78
00011111010110100101	8600	532514.86	532514.86	6793.19
11010111010110100101	10600	545115.62	545115.62	6024.73
00111111010110100101	10400	543138.06	543138.06	6378.99
01001001010110101101	8900	501654.78	501654.78	8357.87
00101001010110101101	9800	497232.7	497232.7	8557.55
11011100000110000111	9900	567069.32	567069.32	4591.78
01011100000110000111	8100	534391.78	534391.78	6456.37
11111011000110100101	11300	566877.18	566877.18	4540.47
01001111010111001101	11800	567537.54	567537.54	5471.41
01111011000110100111	11500	551294.4	551294.4	5646.6
11111101011000100100	11800	542751.64	542751.64	5681.06
01111111011000100100	10700	522755.88	522755.88	7020.02
01111101011000100100	10000	508778.7	508778.7	7761.55
10011100000110100010	8200	529418.4	529418.4	6188.6
11011101011001100100	12000	563312.44	563312.44	5199.26
10011101011001100100	11100	548595.42	548595.42	5758.43
01011110000110000011	8300	535980.7	535980.7	6484.55
11011110000110000011	10100	568658.24	568658.24	4619.96
01011100000110110111	10400	568438.3	568438.3	4809.95
10111101011010100100	11800	559862.42	559862.42	5075.93
10011110000110000101	7700	550664.22	550664.22	4929.63
00011110000110000110	7100	513420.82	513420.82	7484.53
11011011010100000101	9200	521130.46	521130.46	6477.59
00000111000010100111	7200	466784.58	466784.58	11140.57
01011001011100101100	9900	499513.32	499513.32	8138.78
01000111011100101110	11700	492413.22	492413.22	9236.13
00011110000110100101	6400	513940.26	513940.26	8140.29
10011110000110100111	10200	570410.54	570410.54	4400.91
01011011011110000110	11300	546620.76	546620.76	5945.54
11011110000110110101	10900	595738	595738	3339
01011101010100000101	7400	499024.52	499024.52	7868.58
10011101010100000101	8300	518385.32	518385.32	6329.78
11011101010100000101	9200	533379.42	533379.42	5724.43
00111111000110100100	8500	518925.94	518925.94	7772.01
10111111000110100101	11100	574349.44	574349.44	4277.76
00111111000110100101	9300	535557.3	535557.3	7161.45
00011111100000100000	6300	478193.34	478193.34	9461.11
01010011100000100100	6300	446185	446185	10964.5
11001111000000100111	9700	530084.98	530084.98	6069.17
01001111000000100111	7900	484245.72	484245.72	10127.38
00001111000000101101	6700	465949.02	465949.02	10681.83
10001111000000101101	8500	513532.24	513532.24	6332.96
01001111100001101101	11300	549646.82	549646.82	6195.53
11001101100010000101	9100	549244.5	549244.5	5934.25
01001101100010000101	7300	513719	513719	8273.5
01011011100010001111	11900	559525.34	559525.34	5428.11
00011111010100000100	6400	476292.62	476292.62	9190.23
00011111010100000101	7200	493331.02	493331.02	8511.83

10011111010100000101	9000	531902.24	531902.24	5664.96
01011101101110010100	11700	587222.48	587222.48	4519.92
01011011100100001111	11700	541609.1	541609.1	5850.15
00111011100100100111	11400	529997.18	529997.18	6430.47
11011101100100110100	11300	568526.1	568526.1	4520.65
11010001000000100100	5700	431566.62	431566.62	12126.23
01011101100100110100	9500	537608	537608	6092
01111101100100110100	11300	547528.48	547528.48	5794.92
00001001110110101101	9700	512525.26	512525.26	7920.79
10011101100110000001	9300	558129.6	558129.6	5338.4
11011111100110000100	10600	581818.46	581818.46	4005.59
01111011100110000101	10700	554591.64	554591.64	5603.06
00111011100110000111	11800	556482.42	556482.42	5484.93
10011111100110001001	11700	585015.8	585015.8	3934.7
00011111100110001001	9900	550232.74	550232.74	6150.21
00111011100110001101	11500	549453.22	549453.22	6055.13
10011111100110010100	11500	592034.1	592034.1	3765.65
00011111100110010100	9700	557251.04	557251.04	5981.16
01011111100110100101	10100	572350.12	572350.12	4834.98
00011111100110100101	9200	553491.06	553491.06	6084.49
11011111100110100101	11900	603268.22	603268.22	3263.63
01001001100110101101	9500	522279.62	522279.62	7707.73
01011111100111000001	11100	585821.84	585821.84	4924.36
10011111100111000001	12000	602022.92	602022.92	3912.18
11111100010110000100	10000	548247.4	548247.4	5314.1
01001111100111001001	11900	575760.38	575760.38	5593.27
00011111100111100101	11200	583867.46	583867.46	5323.09
10000101000110000001	6000	466435.96	466435.96	10711.34
11010011000000100000	5900	440767.5	440767.5	10885.75
01010011000000100101	5400	429086.2	429086.2	12707.3
11010011000000100101	7200	472453.1	472453.1	9061.15
10010011000000100101	6300	455940.28	455940.28	9919.62
11011111101010000001	12000	596416.3	596416.3	4090.95
01011111101010000001	10200	565498.2	565498.2	5662.3
01011111101010010100	11700	585088.86	585088.86	4887.19
01011101101011000001	11500	582080.6	582080.6	5611.9
01111110010110000111	11700	563034.48	563034.48	5107.92
11001111000010101101	10300	558700.24	558700.24	4838.96
10001111000010101101	9400	545230.08	545230.08	5190.32
00001111000010101111	9600	526454.46	526454.46	6828.59
01011011110000110110	11900	535821.44	535821.44	6096.76
10001101000011100101	9000	548720.28	548720.28	5832.62
01011001101100101100	10500	522805.76	522805.76	7044.04
11001011000100100111	9700	514636.18	514636.18	7343.97
10001011000100100111	8800	497425.44	497425.44	8318.76
00001101110110101101	10400	539017.38	539017.38	6381.77
100010101010111100101	11400	576235.18	576235.18	5187.47
01010111000000100000	4800	424874.56	424874.56	12829.24
01011101110000100110	10100	521896.7	521896.7	6349.55
11011101110000110100	11700	560935.72	560935.72	4690.38

01111101110000110100	11700	543911.3	543911.3	5302.45
01011101110000110110	11900	549713.38	549713.38	5069.77
11010111000000100100	7100	481113.86	481113.86	8332.69
01001101110010000101	8400	521299.76	521299.76	7491.04
01011101110010000101	9300	547813.96	547813.96	5569.34
01011111110010000101	10000	561330.88	561330.88	4904.52
00011101110010100100	8100	519419.96	519419.96	6918.34
01111010000000000000	5000	430440.6	430440.6	12585.9
01011111110100000101	9800	543414.64	543414.64	5326.56
11011111110100000101	11600	570359.54	570359.54	4417.41
01001001110100101101	9700	498162.54	498162.54	8067.91
01001001110100101111	11700	513885.1	513885.1	7538.15
11000110010100111101	11200	519134.68	519134.68	7295.22
11011011000000000001	6900	488504.18	488504.18	8562.97
00011011000000000001	4200	420006.36	420006.36	14503.94
01001111110110001001	11000	553241.82	553241.82	5526.03
10111100110010100100	10600	550491.58	550491.58	5410.07
00011011110110100111	11600	552740.9	552740.9	5904.85
01001001110110101100	9800	513075.6	513075.6	7561.4
01001001110110101101	10600	529860.38	529860.38	6925.27
01011001110110101101	11500	553151.74	553151.74	5540.71
01001101110110101101	11300	556352.5	556352.5	5386.25
01001011110110101101	11300	543377.3	543377.3	6260.45
00000100010110000100	3900	414734.64	414734.64	14093.56
11000100010110000100	6600	474213.8	474213.8	9655.7
01001111110111000101	11800	578697.6	578697.6	5390.4
01011011000000100000	4800	438678.6	438678.6	11795.9
11011011000000100000	6600	482045.5	482045.5	8149.75
11011011000000100100	7100	494917.9	494917.9	7299.35
01011011000000100100	5300	451551	451551	10945.5
01001011111100100110	11700	517402.52	517402.52	8117.58
11010011000100100100	7100	464979.02	464979.02	9721.83
00010011000100100100	4400	400355.94	400355.94	15017.01
00111111100110001001	11700	560504.58	560504.58	5794.57
01011111000000000000	5000	453661.24	453661.24	11503.46
11011111000000000000	6800	497028.14	497028.14	7857.31
10011111000000000000	5900	480202.36	480202.36	8767.94
01011001111110101000	12000	552107.8	552107.8	5486.7
01001000010110000100	4800	442756.44	442756.44	12584.26
00001000010110000100	3900	418278.44	418278.44	14770.26
00001111000110100101	6600	496203.26	496203.26	9866.79
01001111000110100101	7500	517630.32	517630.32	8189.28
01011110100110110101	10800	588163.76	588163.76	4288.04
00011110100110110111	11900	590054.54	590054.54	4169.91
10011010001111000001	10300	569144	569144	5208
00001111000110101111	10300	537497.78	537497.78	6564.37

90				
Ω	f1	f2	f3	f4
01011010000000000000	3200	412273.48	123675.61	14257.42
11011010000000000000	5000	461223.86	144838.2	9680.69
01000000000000000010	2900	294537.68	63006.36	27741.72
10011010000000000000	4100	444398.08	124521.56	10591.32
110000000000000000100	3200	361210.76	99748.31	19415.54
01001010000000000101	3600	414606.1	142548.94	14827.65
100000000000000000110	4300	365252.6	97694.38	18938.9
000000000000000000110	2500	287875.84	66869.7	28253.36
010000000000000000110	3400	328051.76	95471.61	23451.04
110010100000000000101	5400	469177.4	161132.53	9314.1
00010001000110000001	4400	415525.5	134995.86	15235.75
11111110000000100000	8000	507363.28	198904.64	6895.12
10111110000000100000	7100	490537.5	187975.27	7805.75
00011111000000100000	4600	441929.98	166572.02	12236.67
01011111000000100000	5500	463786.16	183782.01	10487.64
00010010000000100100	2600	361921.62	124754.9	18578.73
11010010000000100100	5300	442160.36	172243.8	10680.94
10010010000000100100	4400	423281.14	150843.37	11933.81
11011010000000100000	5500	472717.2	171847.53	8436.8
01011111000000100001	6300	481028.08	193660.8	9775.32
00011110000000100000	3500	428210.88	148277.9	13255.52
01011111000000100100	6000	476658.56	200732.96	9637.24
00011111000000100100	5100	457448.14	185986.45	10945.31
01011010000000100000	5200	450672	142899.53	12159
01011000000000100000	4500	425718	125052.72	14730
00011010000000100000	4300	422691.32	120549.43	14928.78
100110100000001000001	6900	493848.08	150757.16	8812.32
100110100000001000000	6100	474774.48	138991.87	9829.92
010111100000001000000	5900	478102.52	156273.1	10463.58
110111100000001000000	7700	517680.36	167986.36	7448.94
000010100000001000001	4200	411950.06	116065.45	16382.99
100110100000001000100	6600	492165.6	157186.69	8226.4
100111100000001000000	6800	501131.66	154504.18	8313.39
010110100000001000100	5700	466231.44	162346.52	10860.76
110011100000001101101	10300	547773.42	206520.8	5553.43
0001110000000010000110	5700	484006.88	159226.2	9222.52
0101111000000010000111	8100	533617.82	185967.89	6597.03
0101110000000010000110	6600	501811.86	171853.41	8148.69
1101110000000010000110	8400	536196.1	178783.06	5999.65
100110100011111100101	11300	586875.9	185266.43	4219.35
1101110000000010100011	9200	550460.8	187118.17	5160.2
0101110000000010100011	7400	517393.32	181216.47	7089.78
0000100000000010100111	5400	453686.98	159903.91	11735.17
0100100000000010100111	6300	474539.84	172468.09	10153.36
1001101000000011000000	7000	512342.48	151636.51	7708.92
1101101000000011000000	7900	527059.5	165258.75	7149.75

11101111010100000101	10800	534528.06	220927.73	5979.99
00011000000011000000	4500	448343.26	126280.06	13205.79
01011010000011000000	6100	487004.3	158782.26	10243.95
01001000000011100101	6300	485997.72	171890.9	10454.38
10001110000011100101	8600	552908.9	183954.17	5454.85
11001111000111100101	11300	587997.54	195997.47	4344.41
10011110000100001100	7700	515297.26	192632.48	6011.79
11011110000100001100	8600	528767.42	202989.15	5660.43
01011100000100100011	7200	487256.4	187606.12	9548.6
11011100000100100011	9000	527521	196578.24	6419.5
01011010000100100111	7700	488334.64	213197.73	9375.56
11011010000100100111	9500	528599.24	216833.05	6246.46
10011010000100100111	8600	513605.14	210578.61	6851.81
11111010000100100111	11300	540778.96	225404.03	5572.84
10111010000100100111	10400	525784.86	222116.75	6178.19
00111010000100100111	8600	485758.94	216531.82	9267.51
11101110000100101100	10000	521217.54	222327.24	6449.41
11011110000100110011	11500	566299.2	202855.2	4900.8
01011100000100110100	6700	492299.9	187583.18	9107.35
10111100000100110100	9400	530330.56	198328.93	5813.24
10011110000100110111	11100	563973.98	209907.93	4689.67
01011010000101000000	5900	467127.32	161367.33	10992.78
000110100001010000100	5500	459284.32	160525.9	11701.28
11010100000110000001	6700	497625.12	163735.96	8636.48
10010100000110000001	5800	481112.3	148675.66	9494.95
10011100000110000011	8500	540147.22	174835.38	5890.13
00011100000110000011	6700	504658.8	167783.63	8223.2
01011110000110000101	6800	528212.94	188571.81	6983.51
01011110000110000110	8000	531225.8	194734.05	6410.7
10011110000110000111	9700	565592.14	189791.99	4532.31
01011110000110000111	8800	547908.7	194999.89	5791.55
11011110000110000111	10600	580586.24	189985.66	3926.96
01111110000110000111	10600	557829.18	199497.42	5494.47
00011110000110000111	7900	530103.72	190145.28	6865.38
10101100000110000100	7100	505470.76	172331.97	7571.54
01101100000110000100	6200	480959.14	172165.2	9968.81
11011110000110000101	8600	565658.32	188391.01	4324.28
01011110000110001111	10500	560991	204885.19	5100.5
10011110000110001111	11400	578961.42	195964.63	3793.43
11011110000110010101	10400	590919.6	182380.6	3470.4
10011110000110010111	11500	590853.42	182674.75	3678.43
01011100001111100101	10400	573883.16	182891.32	5985.14
11011100000110100001	7900	546576.2	190606.68	5293.3
11011100000110100010	9100	544412.5	190626.19	5583.25
11011100000110100011	9900	561504.12	192133.41	4895.98
00110010000110100100	6000	443476.38	174181.79	12059.27
01110010000110100100	6900	463502.8	191948.64	10615.2
00011100000110100011	7200	511140.94	182846.46	7814.51
11111100000110100011	11700	571042.64	195096.65	4662.56
10011100000110100011	9000	546510.02	189174.51	5501.33

01111110000110100111	11100	562766.92	207011.16	5343.18
10011100000110100001	7000	531582.1	183519.91	5898.65
11001110000110101011	11400	564959.58	201716.44	4900.07
01011100000110100011	8100	528945.92	190466.3	6740.68
01111110000110100101	9100	543071.16	206252.92	6535.14
11111110000110100101	10900	580015.24	202637.09	3959.46
10011010000110100111	9500	545302.98	201907.39	5709.17
10011100000110101011	10700	559879.3	197849.67	4762.45
11011100000110110011	11700	589066.7	183403.81	3658.55
01011110000110110101	9100	559958.16	191770.83	5720.64
10111110000110110101	11800	590282.42	190710.54	3710.93
10011110000110110111	12000	595671.82	188747.59	3547.03
01011110000110110111	11100	579653.92	192179.88	4528.68
00011110000110110111	10200	561848.94	191455.56	5602.51
11001100010110000100	7300	516802.08	185029.5	6701.32
01011110000110111101	10800	571803.5	198306.7	5235.75
10011010000111000101	9000	554683.44	175790.61	5684.76
10011000000111000101	8300	541166.52	171307.85	6349.58
11001100010110000101	8100	533893.7	189282.92	6014.05
01011010000111000101	8100	532070.52	187185.3	7765.58
10001100010110000101	7200	516682.96	180843.05	6988.84
01001100010110000101	6300	497360.32	184638.93	8521.28
10011110000111000111	11700	595968.54	177295.57	3770.91
11011010000111000101	9900	569400.46	181691.65	5125.59
11011101000010101110	11700	565233.26	210532.08	4588.79
01011110001111000101	10600	582462.34	175476.32	5471.61
01001010001000000100	4600	422104.48	141850.24	14644.92
01001010001000000101	5400	442051.14	153595.93	13481.81
10001010001000000101	6300	480104.4	156332.62	8827.6
00001000001000000101	3800	402216.68	114233.77	16639.22
00001010001000000101	4500	417046.34	138085.99	15755.61
11001000001000000101	6500	483105.52	149533.67	8633.08
01010101000110000000	5200	454320.1	157876.63	11378.65
00001010001000100101	5000	431187	163632.17	14070.5
11001010001000100101	7700	505230.32	189790.97	7205.28
10000010001001000100	6800	457038.5	135040.21	10668.25
00001100010110100100	5100	463779.38	176597.16	10734.77
00011001000100101100	6100	442555.8	189409.97	12028.7
01011001000100101100	7000	460769.32	207588.83	10886.78
01001010001010000101	6300	484684.16	161380.24	10516.64
01010101000110100001	6500	477655.72	185838.99	10322.38
11011010001011000101	11000	582007.42	170730.51	4676.43
10011010001011000101	10100	567290.4	168516.31	5235.6
01001110010110000100	6200	494245.88	189981.29	8467.02
01011000001011110101	10800	567669.66	177273.98	5924.39
00011010001100000101	6100	464285.88	172477.86	11956.02
11011011000100100011	10100	525258.66	214938.66	6775.89
11011010001101000101	10800	564091.18	181654.56	5098.47
01011011000100100110	8000	482290.08	219760.91	9489.32
01011011000100101111	10500	511173.82	240572.14	8326.03

10011010001110000101	8800	550695.6	179840.65	5276.4
11011010001110000101	9700	565689.7	183421.89	4671.05
01011010001110000101	7900	527766.96	186532.35	7409.84
10011110001110000111	11500	589149.42	183896.52	3834.43
11011100001110100011	11700	585061.4	182410.31	4198.1
10011110001110101101	11700	592409.18	195101.84	3361.47
01011110001110110101	10900	582286.16	179672.73	5227.64
01011010001110111101	11900	571591.1	198729.74	5623.15
11011010001111000001	11200	583861.02	171082.66	4648.83
10011010001111000100	10000	564440.64	178276.47	5125.56
10011010001111000101	10800	581072	172910.14	4515
11011010001111000101	11700	595789.02	173863.9	3955.83
10011110001111000101	11500	604597.9	166169.75	3470.35
11011000001111000101	11000	582272.1	173322.42	4620.65
10011000001111000101	10100	567555.08	169853.78	5179.82
11010111000110100101	9500	541508.06	206515.29	6144.99
10010111000110100101	8600	524995.24	199993.96	7003.46
01011010001111100101	10400	564859.68	195222.31	6200.72
11011000001111100101	11500	588076	184933.42	4325
01011000001111100101	9700	551342.76	192459.28	6865.54
01110010010000110110	10200	468620.82	214598.61	9973.53
11100111000000100101	8800	485783.98	216318.6	8574.67
01011000010000111101	8900	496988.42	210090.08	8004.93
10111000010000111101	11600	530681.5	216661.14	5433.75
11011101000100100100	7800	517091.6	208204.65	6468.4
11011000010000111101	10700	531971.94	215088.95	5756.01
01001000010001100101	6500	461503.78	178973.94	10877.37
00101100010010000100	5700	454297.84	157340.8	11423.36
01101100010010000100	6600	476407.58	172732.17	9632.07
01001100010010000100	4800	463813.38	158718.38	10374.77
01001110110000111101	11100	542278	221879.84	5692
11111100010010100100	9800	542022.48	207035.43	5446.92
00011100010010100100	5300	478793.18	176620.64	9153.47
11011100010010100100	8000	532483.96	197843.87	5680.34
00001000010010100111	6500	458892.28	171697.04	11348.62
00001000010010100101	4500	437912.28	156125.59	12754.62
11001000010010100101	7200	500945.9	182703.81	7724.35
10011100010010100100	7100	517489.86	188299.81	6285.69
00011000010010100111	7400	490069.68	187339.12	8649.72
01011100010010100100	6200	498003.6	190825.64	7845.4
01001000010010100101	5400	464022.58	172480.69	10296.57
01101000010010100101	7200	477093.54	187244.66	9474.41
00011001000110100101	6100	485782.58	190776.7	9636.57
01001000010011100001	6900	484792.62	174149.65	9841.23
00001000010011100101	6500	475715.84	171617.95	10755.36
01001000010011100101	7400	495176.22	185345.57	9405.63
11001100010011110001	11200	574740.92	181231.32	4664.18
00001100010100000100	3700	421436.36	143014.63	12979.94
10011110010100000101	7900	522625.48	197150.92	5943.42
11011110010100000101	8800	537619.58	205202.43	5338.07

11011110010100000111	10800	552547.5	208205.41	4940.75
01111110010100000111	10800	528669.04	217334.17	6695.16
11001100010100000100	6400	484697.2	180148.54	7911.8
01111110010100001101	10500	524791.82	224484.29	6740.03
10011110101011000001	12000	602351.5	154493.04	4241.75
11010100010100100100	7100	466068.24	199421.72	10041.96
01010100010100100100	5300	431594	184628.78	12206
01110010010100100100	7100	435246.02	208529.16	11665.33
01110100010100100100	7100	441904.6	198992.13	11843.9
11110010010100100100	8900	469338.3	218989.62	9564.95
10010100010100100100	6200	449555.42	181310.78	10900.43
00110100010100100100	6200	421878.18	179187.41	13287.97
11010110010100101101	10300	513527.8	232698.93	7370.7
01110010010100111101	11400	493429.76	240125.55	8975.04
01010110010100111101	10300	506567.24	230743.92	8305.46
11011111000100100101	9300	548107.18	219131.64	5048.47
10011111000100100101	8400	533113.08	214303.79	5653.82
01010100010101000100	6800	472534.86	181575.37	9012.19
01011111000100100101	7500	504740.28	217184.17	8694.62
11011111000100100111	11300	563035.1	221346.64	4651.15
01011111000100100111	9500	524436.04	224232.6	7502.66
10010110010100111101	11200	526052.6	222802.31	6745.9
00010110010100111101	9400	487362.04	218430.43	9612.66
01110100010101100100	9100	487393.08	208170.65	8563.82
01010100010101100100	7300	477472.6	198415.56	8860.9
11111100010101100100	11600	551060.24	213952.91	5677.96
01111100010101100100	9800	520228.36	213956.68	7234.94
11010110010101100100	9800	522663.62	213762.58	6498.73
00010100010101100100	6400	457020.54	178271.16	10375.91
01011100010101100100	8000	510307.88	206340.25	7532.02
11010100010101100100	9100	508686.44	205827.41	7240.26
01110110010101100100	9800	501370.26	218458.99	7822.29
01010100010101100101	8100	494971.26	208185.72	8105.79
01010100010101101100	9000	489624.78	215695.08	8324.87
00010010010110100101	6100	457076.88	187885.29	11078.52
01101100010110000000	6800	477904.78	171636.86	9663.87
11001100010110000000	6800	504636.48	171988.67	7433.92
01001100010110000000	5000	467033.9	159609.13	10119.35
10011110010110000100	8000	537691.96	191290.03	5411.34
11001110010110000100	8000	530779.26	194955.79	5959.79
00101100010110000100	6400	469464.84	172886.27	10471.86
00001100010110000100	4600	458841.64	159267.52	10886.06
10001100010110000100	6400	499591.34	172592.35	7676.11
01111100010110000100	8200	516703.38	199321.39	6989.77
10011100010110000100	7300	523714.78	182255.97	6152.87
01101100010110000100	7300	490189.18	187017.2	8911.47
01001100010110000100	5500	480268.7	176365.61	9208.55
11011110010110000110	10900	567613.98	199694.85	4408.67
00011110010110000111	9000	535309.02	198595.34	6478.83
01011110010110000111	9900	553114	203113	5405

11011110010110000111	11700	584245.34	194077.62	3798.11
01011110010110001110	10800	548327.98	213926.42	5530.67
01001100010110010100	7300	508085.38	179019.04	7928.77
10001100010110010100	8200	527408.02	175531.96	6396.33
11001100010110010100	9100	544618.76	186051.95	5421.54
11011100010110100011	11000	565163.22	197731.89	4767.13
01001100010110100100	6000	485206.44	191482.12	9057.26
01010010010110100100	6200	460222.7	194636.21	10286.55
00110010010110100100	7100	452757.96	191185.54	10993.34
10010010010110100100	7100	475516.52	184766.87	9425.58
00010010010110100100	5300	438966.52	174239.15	11935.58
01110010010110100100	8000	472784.38	208615.44	9549.27
00010110010110100100	6000	466671.72	186145.89	10194.38
00001000010110100111	7200	471276.12	187226.04	10860.98
01110010010110101100	9700	484629.72	222875.87	9064.38
01011110010110101110	11300	553265.72	222780.8	5379.38
00011110010110101110	10400	536984.68	218508.06	6199.22
00001010010110101111	9600	504986.36	215902.21	8319.94
11011011000110100101	9500	554697.46	208304.82	5214.09
01011011000110100101	7700	519036.96	211594.12	7575.84
00011110101011100101	11200	585032.92	178072.25	5513.18
01010010010111100100	8200	496376.5	206161.98	8562.25
01010100010111101100	9900	521729.66	215190.21	7114.39
01011101000110000001	6700	514000	185132.82	7737
01010110010101100100	8000	491449.78	210040.12	8119.37
10111100000110100011	10800	556048.54	195104.91	5267.91
01001010000001000000	4300	417344.02	119909.06	15216.33
10111100000110100111	11300	566432.14	200932.35	4832.31
00111110000110000111	9700	540024.2	197609.97	6568.3
10111110000110000111	11500	575130.66	194545.35	4298.89
01011101000110100001	7200	520244	198389.01	7368
00011101000110100101	6800	511417.18	197977.8	8240.47
11011101000110100101	9500	566288.1	204246.4	4570.65
10111110000110100011	11500	569565.46	199262.87	4603.09
01100011000100100111	9000	445364.26	219363.44	12520.29
10111110000110100111	12000	579949.06	203548.52	4167.49
01011010011101100100	9800	525301.94	215565.89	6973.01
00111011010100100111	10800	502731.54	238103.15	8187.41
01001111100110001101	10400	557470.26	211668.46	5635.29
11011111000110100001	9700	569421.42	203298.29	4341.43
01011111000110100100	7600	527513.16	211827.6	6878.14
00011111000110100100	6700	508302.74	202408.45	8186.21
11011111000110100101	10200	579805.02	205566.39	3905.83
10011111000110100100	8500	548179.56	205731.75	5121.74
00011111000110100111	9500	546035.3	212274.04	6149.45
01011111000110100111	10400	563840.28	213568.04	5075.62
010010100111111100100	9800	529738.82	201726.94	7876.53
010110100111111100100	10700	557406.82	212248.99	5762.53
01011111000110101100	9300	539358.5	222231.27	6393.25
00011111000110101101	9200	538303.38	217532.87	6836.77

10011111000110101101	11000	578180.2	211094.54	3772.3
11011111000110110001	11500	594631.16	190434.67	3496.14
00011100100000000110	6500	480313.76	162332.43	8966.04
11011110100000001100	9600	538449.02	198524.39	5738.83
00101111000000100000	5500	422471.74	168565.81	14338.71
10101111000000100000	7300	474356.96	189589.58	9272.84
01101111000000100111	9700	496833.8	220852.29	9385.7
00101111000000100111	8800	475980.94	215257.69	10967.51
01101111000000101111	11400	515919.34	235375.3	7694.11
00011100100010000100	5400	490650.24	152976.66	9292.96
11011100100010000100	8100	544731.38	172198.39	5754.77
01011100100010000110	8300	530223.62	178610.8	6681.73
00011100100010000110	7400	512418.64	167965.47	7755.56
01011100100010000100	6300	509509.3	167749.86	8043.45
01011100100010000111	9100	548461.12	181894.04	5803.48
11011100100010010110	11900	588114.5	174001.09	3971.25
01011100100010100100	6800	517185.32	184086.11	7435.78
00011100100010100100	5900	498326.26	171526.04	8685.29
11011000100010100100	7900	526720.24	181054.44	6551.96
11011100100010100100	8600	552288.06	187810.94	5166.99
01011100100010101110	10500	551134.16	205865.32	5357.64
01111111010100000101	9900	522461.92	223473.75	6906.68
11111111010100000101	11700	556434.86	219412.44	4826.19
11011010010110000111	11000	558348.06	196714.12	5237.99
01011010100011100101	9600	554950.06	191881.37	6315.99
01111010100011100101	11400	568021.02	197986.18	5493.83
10011110100011100101	11200	598278.9	176919.5	3658.85
11111110100100000100	10400	549923.8	204440.86	5269.7
00011110100100000100	5900	488977.86	177973.14	8595.69
01111110100100000100	8600	517757.4	203322.63	7049.1
01011110100100000100	6800	507836.92	193037.94	7346.18
01111110100100001100	10300	530685.08	216217.68	6383.82
10111110100100001100	11200	548298.98	206186.55	5136.17
01011110100100001100	8500	520764.6	208388.17	6680.9
11011110100100001100	10300	552230.62	206476	5018.23
10011110100100001100	9400	538760.46	198101.21	5369.59
00111110100100001100	9400	513701.32	206149.11	7320.78
01011110100100110111	11900	576161.68	213591.26	4238.72
01100111000100100111	9700	469806.78	223552.43	11322.87
10011110010100111101	11900	565868.28	219336.67	4253.62
01011110100110000111	10500	576268.92	194238.02	4333.18
11011110100110001100	11200	584335.5	192355.5	3807.75
10011110100110001100	10300	570865.34	188047.63	4159.11
01011010100110001111	11500	562821.96	209088	5187.34
01011100100110100011	9800	557306.14	193523.69	5282.31
11011100100110100011	11600	584967.32	187876.25	4253.78
11011110100110100101	10800	593939.92	192190.11	3550.68
01011110100110100111	11000	581206.66	202392.78	4181.89
10011110100110110101	11700	604207.1	180762.46	3302.15
11011100010110000100	8200	538708.88	192752.72	5547.52

00011100010110000100	5500	487572.48	174087.69	8594.92
01011110100111001001	11700	587672.16	186195.86	4837.64
01010100100111010101	10900	569274.44	178302.81	5334.26
01101101000010101111	11600	539139.06	219149.73	6376.49
10110011000000100100	7300	446940.4	187511.8	10614.6
01110011000000100101	7200	444315.48	205407.9	11525.42
11110011000000100101	9000	484632.82	215651.16	8387.53
01011100010110100011	9200	534151.22	200085.93	6354.13
01011010110000111101	11300	539077.24	227562.05	5846.46
10011010101010100101	10300	568919.38	188296.67	4602.77
01111010101010100101	11200	563253.78	205715.51	5215.37
01011110101011000001	11100	584010.88	164905.96	5610.52
11011110010110000101	9700	569317.42	195478.96	4195.43
01011110010110000110	9100	536482.64	204710.33	6015.56
10011110010110000111	10800	569251.24	194220.9	4403.46
01011110101011100001	11600	593231.3	175423.01	4745.45
10011010101011100100	11500	582664.42	183913.8	4451.93
01011010101011100101	11400	581074.5	189340.83	5190.25
00101111000010101101	9400	515976.46	216973.14	7840.59
01101111000010101110	11500	536024.62	221072.77	6322.23
01101011000100100111	9700	484026.2	227784.74	10220.3
01011000110010100100	7200	500641.38	186958.14	7797.77
01011010101111000101	11600	586226.5	182198.6	5236.25
01111100110000100100	8800	506698.52	209105.83	6880.58
01111000110000101101	10600	513576.16	229041.29	6508.64
01011000110000101101	8800	500505.2	216546.32	7330.8
01011100110000101101	9500	525612.76	221927.99	6022.54
01110111000000100100	7100	450335.04	201083.42	11237.16
01011100110000111101	11300	552969.18	217871.33	4819.47
01011000110000111101	10600	527861.62	218702.68	6127.73
11011100110010000100	9200	548390.48	179593.72	5625.92
01001100110010000101	7300	511275.04	173883.47	7894.16
01011100110010000100	7400	518533.18	179166.34	7020.47
10011100110010100000	8300	530569.46	176839.64	6079.09
00011100110010100000	6500	496966.54	168759.37	8097.91
01111000110010100100	9000	515876.78	200574.89	6614.87
00011100110010100100	7000	507350.14	182354.01	7662.31
10011100110010100100	8800	540953.06	186718.63	5643.49
01011100110010100100	7900	526209.2	194577.13	6412.8
11111100110010100100	11500	565485.68	200550.13	4804.72
11011100110010100100	9700	555947.16	194280.81	5038.14
01111100110010100100	9700	538803.4	203557.78	5670.1
00011100110010100101	7800	526606.2	188441.87	6614.3
00001100110010100100	6100	476679.74	168600.93	10276.71
01011100110010100101	8700	545465.26	196667.71	5364.79
01011100110010101100	9600	538997.98	209309.19	5770.67
01011100110011100100	9900	556308.52	198044.77	5697.58
11011100110011100100	11700	586046.48	190367.36	4322.92
11011110110100001100	11400	555889.72	213345.07	4889.38
01011000110100110111	11600	543291.44	220754.62	5733.76

01011000110100111101	11300	539414.22	227625.14	5778.63
11101111000100100100	9400	518700.5	223319.84	6647.25
01011110110110000111	11600	581319.6	198790.11	3972.4
01001110110110001101	10400	555535.58	206801.8	5171.07
01011011100110001101	10600	553611.18	211302.28	5899.47
00011011100110001111	11700	557025.9	214747.24	5527.35
01001100000110000100	4400	471038.66	160730.47	10265.89
00011100110110100100	7700	521067.18	193801.63	6952.47
01011100110110100100	8600	539926.24	204764.31	5702.96
01001000110110101101	9500	520233.52	211022.71	7262.08
01101000110110101101	11300	532795.2	217047.06	6524.8
01111010110111100000	11900	561073.26	210397.19	5252.79
01011100110111100101	11400	587117.18	198960.43	4300.47
01011010110111110000	11900	573566.7	195897.53	5170.55
01111011000000100000	6600	453907.88	189339.45	10614.02
11111011000000100100	8900	507097.62	216893.87	6625.73
10001100000110100011	8100	522386.58	183919.99	7024.57
00001100000110100011	6300	482410.1	172435.39	10105.65
10111011000000100111	10800	524069.84	224374.46	6155.36
00011010000001000001	5100	445872.04	136334.62	13226.66
01010111000000100100	5300	437746.96	185775.65	11978.84
01011101001100101100	9500	509434.16	212231.76	8880.64
11011101001100101100	11300	552801.06	211148.89	5234.49
00011110110010100100	7700	521327.32	192299.68	6920.78
11011110110010100100	10400	569924.34	198022.21	4296.61
10111101000000100100	8000	500592.7	201127.89	7104.55
11111101000000100100	8900	515586.8	210761.18	6499.2
01110011000100100100	7100	436841.4	205353.59	12186.1
11110011000100100100	8900	477158.74	215382.16	9048.21
00110011000100100111	9000	456901.22	217596.26	11201.13
11110011000100100111	11700	511774.42	231132.64	7530.93
01111111000000000000	6800	466249.32	179071.24	10761.78
01111000001111100101	11500	563112.08	198605.33	6260.32
11011110000000100000	6200	497824.76	185206.02	7128.54
01101111000110100101	9300	527550.8	214832.2	7892.2
01001010111111100100	11500	557351.62	200844.09	6542.73
10011011000000000000	5200	454436.48	142754.01	10185.92
00011011000000000000	3400	399041.62	121383.52	15836.73
01011011000000000000	4300	427299.38	145013.62	13020.77
01111011000000000000	6100	442792.78	165730.29	11794.87
11011011000000000000	6100	471262.26	161723.17	9275.29
01010011000000000100	4100	400309.06	146522.6	14670.49
10011001000000000000	4500	428165.06	121597.45	12976.49
01011001000000000000	3600	402345.38	122682.55	15591.77
010110110000000000001	5100	444541.3	159637.15	12308.45
00111011000000000000	5200	419454.06	145067.35	13790.99
100110110000000000001	6000	473510.08	157354.92	9168.32
10011011000000000100	5700	471708.8	163206.33	8602.2
00111011000000000100	5700	437540.46	167859.18	12071.59
10111111000000100000	8200	499865.8	199951.65	7518.7

10011111000000100000	6400	490327.28	185150.57	7752.12
11011111000000100000	7300	507153.06	197699.62	6841.49
11111111000000100000	9100	516691.58	209533.54	6608.07
11010011000000100100	6400	453639.9	187365.05	10035.35
01010011000000100100	4600	410273	170390.56	13681.5
01110011000000100100	6400	425502.28	190334.43	12499.62
01100111000000100111	9000	458763.46	214741.67	11587.09
00010011000000100100	3700	379847.02	145676.67	16858.83
01111111000000100000	7300	476374.24	198327.26	9745.96
01000111000000100111	7200	446175.38	203883.72	12328.77
10010011000000100100	5500	434760.68	167312.1	11288.22
11101111000000100111	11500	539623.5	224646.14	5835.75
10011011000000100111	9000	511890.12	211338.82	6828.98
01001111000000101101	7600	483635.5	219628.89	9627.75
01111011000000100111	9900	503514.44	226869.16	7893.26
11000111000000100111	9000	492343.74	215093.19	8215.71
10001111000000101111	10500	528460.16	228002.89	5935.64
01000111000000101111	8900	465590.02	224124.26	10582.33
01010011000000101100	6300	422118.34	193315.42	13196.61
00101111000000101111	10500	499638.3	231809.77	8513.95
01110111000000101111	11600	500084.9	237627.89	8686.85
11001111000000101101	9400	527002.4	225225.77	5981.6
10111111000000100100	8700	514569.88	214274.29	6363.02
10100111000000101111	11600	498738.72	230618.45	8101.88
11111111000000100100	9600	529563.98	221392.7	5757.67
11111111000000101000	10800	528536.92	218641.25	6123.18
110011110000001001101	10900	549545.04	199573.22	5854.16
010100110000001100100	6600	454747.84	185095.58	10570.36
100011110000001100101	8800	530539.36	198581.04	6310.44
000011110000001101101	8700	504347.54	207617.93	8583.41
110011110000001101101	11400	557101.72	213866.8	5266.38
010011110000001101101	9600	522034.02	215651.01	7529.33
010111110000001101101	10500	543940.82	217463.83	6375.53
010001110000001101101	8900	489198.74	214595.93	8858.21
010011110000001101111	11600	541729.78	219697.54	6337.37
000111110000001101101	9600	526254.34	211371.15	7429.61
1001101100000010000000	6100	492004.48	156522.18	8064.92
0001101100000010000000	4300	447911.34	142456.7	11832.11
0101010100000010000001	5300	456909.52	157285.37	11532.08
0001010100000010000001	4400	436180.38	137651.17	13093.27
1101101100000010000000	7000	506998.58	171424.42	7459.57
1111110100000010000110	11300	555062.92	198868.46	5479.18
1111110100000010001100	11000	552287.18	202423.85	5340.47
1101110100000010001110	11200	557676.58	200031.82	5176.57
0101111100000010100000	6400	506086.24	191379.97	7577.96
1011111100000010100000	9100	536291.16	200627.52	5588.14
1111111100000010100000	10000	551285.26	206142.49	4982.79
1001101100000010100100	7100	512028.68	189716.67	6694.22
0001111100000010100101	6800	513890.78	197219.2	7839.87
0101111100000010100101	7700	533101.2	203901.51	6531.8

01010011000010100100	5500	450698.92	178183.84	11084.18
11001111000010100111	10600	561782.82	206707.53	4926.53
11010011000010100100	7300	486359.42	187853.32	8722.43
01001111000010100101	6800	506587	200539.49	8453.5
11001111000010101011	11800	563244.56	208784.25	4877.24
10101111000010101101	11200	554768.6	217214.62	4956.9
00101111000010101111	11400	536374.94	223504.19	6531.51
01001111000010101111	10500	542735.5	220422.69	6008.75
01000111000010101111	9800	505608.9	217781.72	8052.85
10001111000010101111	11400	560158	216076.3	4793
01011111000010101111	11400	564642.3	219306.67	4854.95
11001111010100000101	9000	524989.54	214854.99	6213.41
10001111000011000101	9200	554680.52	181245.26	5755.58
01001111000011100001	8300	526895.52	191535.16	8075.08
10101111000011100101	11500	571775.72	196248.25	4934.38
11001111000011100101	10600	576954.22	194224.88	4608.63
10001111000011100101	9700	562237.2	192890.59	5167.8
01001111000011100101	8800	537279.12	197572.37	7639.48
01101111000011100101	10600	547199.6	200674.2	7342.4
10101011000011100101	10800	548155.56	195625.9	5994.74
10001101000011101101	10700	561812.48	201328.35	5139.92
00001111000011101101	9600	536045.38	205169.63	7440.77
10001111000011110101	11500	587446.94	179478.23	4322.51
10001101000011110000	9500	549216.36	170014.19	5649.94
11011011000100000000	6800	485043.86	178225.77	8554.69
10011011000100000000	5900	468218.08	160517.05	9465.32
01011011000100000000	5000	441080.98	165750.81	12300.17
10010101000100000001	6000	446820.52	154739.95	12337.58
10011111000100000101	7900	528294.68	198074.43	5785.22
11011111000100000101	8800	543288.78	205115.41	5179.87
11111011000100000111	11900	544894.66	217676.7	5482.89
01111011000100000111	10100	509345.16	220482.05	7826.14
01111111000100000101	8800	512509.96	211435.87	8084.34
10011111000100010011	11200	553195.22	194026.43	5787.13
11011101000100010100	9100	540244.5	193966.92	5294.25
10011111000100010111	11700	568432.34	203982.9	4542.61
11001111000100010111	11700	561519.64	210599.33	5091.06
01111111000100100000	8000	487417.56	208978.94	9481.74
11111111000100100000	9800	527734.9	215950.63	6343.85
00111111000100100000	7100	466874.66	195996.55	11011.89
01111011000100100011	10100	501888.88	222834.48	8445.52
01010011000100100100	5300	421612.12	188771.92	13367.98
10010011000100100100	6200	448466.2	182719.31	10580.3
11111101000100100100	9600	526630.12	216636.45	6234.98
10111011000100100111	11500	535113.16	229575.91	5891.14
00111011000100100111	9700	496752.78	228444.02	8702.87
01111011000100100111	10600	514557.76	235044.76	7629.04
11011011000100100111	10600	537927.54	224809.43	5959.41
01011011000100100111	8800	499328.48	225627.15	8810.92
10011011000100100111	9700	522933.44	219902.47	6564.76

00011001000100101110	8100	464184.04	207203.44	10514.66
00011011000100100111	7900	481523.5	216059.25	9884.75
11011001000100101100	8800	504136.22	213572.1	7240.63
11111101000100110100	11400	554601.42	210344.52	4929.43
11011101000100110100	9600	545062.9	206139.12	5162.85
00011101000100110100	6900	482485.58	184029.55	10117.07
10111111000100110100	11200	550822.94	213434.2	5253.51
10011101000100110100	8700	530068.8	196716.27	5768.2
10011101000100110101	9500	547107.2	201935.76	5089.8
10001111000100111101	11000	549785.3	220302.16	5223.45
11011111000101100101	11300	578206.5	204446.89	4333.25
00001111000101101101	9400	515390.86	215040.25	8319.19
10001111000101101101	11200	554674.88	213682.39	5353.52
01011111000101110101	11300	568348.54	198080.03	5750.91
10010101000110000001	6900	490559.4	165289.19	9188.1
00010101000110000001	5100	450682.58	153152.76	12252.57
01010101000110000001	6000	471411.72	171526.52	10691.38
11000101000110000001	6900	485165.42	172930.08	9483.43
00000101000110000001	4200	421951.74	139983.88	14543.71
01010101000110000101	6500	483220.92	187002.06	10018.18
00111111000110000101	8800	530738.9	202108.17	7292.85
10011101000110000001	7600	534666.4	179951.6	5980.6
00011101000110000101	6300	506598.78	184841.28	8371.87
11011111000110000101	9700	574986.62	196834.54	4037.23
01011111000110000101	7900	539326.12	201468.38	6398.98
01011111000110000111	9900	559021.88	207107.53	5207.02
01111111000110000111	11700	568942.36	209740.36	4909.94
11011111000110000111	11700	589914.54	197640.26	3639.91
01011011000110001110	10100	528469.98	217963.14	6750.67
11011101000110011100	11700	584194.72	191248.51	3598.88
11111111000110100000	10700	562328.58	209979.18	4718.57
10011111000110100001	8800	554427.32	200073.88	4946.78
00011111000110100001	7000	514550.5	197054.83	8011.25
01111101000110100011	11000	549860.24	207770.11	5878.96
11001011000110100100	7800	514774.74	203654.94	7209.21
01010111000110100101	7700	505847.56	207168.54	8506.74
10011111000110100101	9300	564810.92	204805.46	4511.18
00111111000000100000	6400	455220.78	184084.43	11377.87
00011111000110100101	7500	524934.1	205502.06	7575.65
01111111000110100101	10200	554065	214696.24	5970.5
01011111000110100101	8400	544144.52	210923.93	6267.58
11111111000110100101	12000	589343.54	206627.37	3672.41
00010111000110100101	6800	485118.42	195986.27	10067.93
11011011000110100111	11500	569625.38	210963.78	4816.77
01111111000110101101	11900	565910.34	222242.8	5485.61
01001111000110101111	11200	553778.82	225718.31	5744.53
11011111000110110101	12000	605014.76	190412.93	3060.54
00011111000110110101	9300	550143.84	193896.74	6730.36
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10011111000111001001	12000	591651.92	183911.53	3861.68

01011101000111001010	11600	559448.44	201141.22	5882.26
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11011101000111010100	12000	602448.7	179260.41	3368.55
10010101000111010101	11200	570009.04	174968.15	4899.16
00011101000111010100	9300	548447.66	175594.51	6893.39
01111111000111100100	11400	568125.76	208483.19	5767.04
00111111000111100101	11300	566526.5	200726.05	6301.25
01011111000111100101	10400	574836.64	201389.23	5453.56
00011111000111100101	9500	555903.3	198594.84	6715.45
10011111000111100101	11300	595187.32	190517.15	3749.78
01111101000010101110	11700	544261.08	220212.25	5858.82
01011011001000000100	6600	469128.58	179640.66	10572.57
10000011000000100100	4600	407867.28	149674.35	13273.12
11000011000000100100	5500	430348.54	171667.7	11419.91
00010100000110100011	6500	472495.62	164745.62	10111.73
01111001000100100111	9900	501040.84	223399.11	8293.86
01111111000000100001	8100	493616.16	205855.45	9033.64
01011111001011000001	10500	567984.72	175637.7	6280.88
00111111000000101111	11400	521545.1	235517.09	7360.15
00111011001100100111	11500	522084.86	231379.1	7709.19
01011001001100101100	8800	486893.76	212251.64	9761.04
01111011001100101100	11300	515001.02	237645.94	8020.83
01111001001100101100	10600	501330.68	224720.67	8711.22
01011011001100101100	9500	500564.1	226513.13	9070.65
10011001001100101100	9700	516790.5	204666.37	6466.25
11011001001100101101	11400	547452.48	213541.21	5410.92
00111011001100101100	10400	498017.26	229896.4	8957.79
11111011000100100101	10400	535179.34	227127.23	5683.11
01111011000100100101	8600	494862	225822.85	8821
10111011000100100101	9500	520185.24	221059.56	6288.46
00111011000100100101	7700	476354.3	215094.24	10011.95
10111011000100100110	10700	518074.76	226082.89	6569.54
11111011000100100110	11600	533068.86	232019.97	5964.19
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01011011001110010110	12000	566993.66	202305.69	5425.39
00011111001110100101	9300	548491.38	200155.94	6877.77
11011111001110100101	12000	603362.3	190275.09	3207.95
00111111001110100101	11100	559114.58	206040.39	6463.57
01111001001110101100	11500	538474.36	223473.22	6660.94
01011001001110101100	9700	526705.04	214688.19	7266.16
10111111000000100001	9000	518939.4	207457.22	6501.1
10011011001111000101	11900	590991.6	177025.58	4129.4
01110111000110100101	9500	515768.04	213079.51	8209.66
01011011010000000000	5400	440514.92	162130.13	11299.18
10011111010000000101	8300	518120.64	198417.66	6385.56
01011111010000000101	7400	498759.84	203497.52	7924.36
11011111010000000101	9200	533114.74	206382.13	5780.21
11111111010000000101	11000	542653.26	215241.49	5546.79
01011111010000100000	6600	476405.72	198767.31	8865.38

01010011010000100100	5700	422892.56	189952.33	12059.24
10000111010000100111	9200	476390.6	216302.18	9461.9
01100111010000100111	10100	464742.22	228512.94	11071.63
01110011010000110110	11300	478016.92	226003.68	9675.18
11011101010000110110	12000	552400.44	212222.91	4935.26
01011000000110100011	7400	503838.36	188096.9	8048.94
00000111000000100111	6300	423803.8	189561.56	14163.7
11111101010001100100	12000	549293.68	216479.89	5663.72
11001101010010000101	8500	529388.86	193897.34	6456.19
01001101010010000101	6700	493094.16	189471.8	8923.64
10111101000100110101	11300	556645.72	206757.72	4856.38
01011010000110000111	8100	521534.06	194362.4	7310.99
01010111010100000101	7400	473629.84	212305.01	9545.36
10001101010011110001	11400	569300.66	183220.98	4944.89
11011111010100000100	9100	529857.94	214545	5738.01
10011111010100000100	8200	514863.84	203843.69	6343.36
10111111010100000101	10800	541440.76	215675.57	5431.54
00111111010100000101	9000	503954.22	215075.94	8097.63
00001111010100000101	6300	461967.38	197743.05	11241.77
01011111010100000111	10100	528264	222312.74	6674
01111111010100000111	11900	538184.48	227846.43	6376.92
11011111010100000111	11900	561824.26	216129.33	4662.29
11010111010100000101	9200	507984.74	215659.32	7401.21
11011111010100000101	9900	546896.34	213915.28	5059.61
01011111010100000101	8100	512541.44	215265.26	7203.76
10011111010100001101	10700	545271.52	216915.05	4926.08
00011111010100001101	8900	506700.3	219345.82	7772.95
11011111010100010101	11700	571951.46	210264.74	4240.09
11011111010100100101	10400	551714.74	227006.05	4928.21
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01111011010100100111	11700	520536.52	244366.94	7113.58
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01011011010100100111	9900	507974.84	235732.47	7850.86
01110111010100101101	11400	500214.06	249788.22	8631.99
01100111010100101110	11700	478161.78	241906.31	9739.37
01000111010100101110	9900	468241.3	235298.28	10036.45
01011101010100110100	8900	514160.94	212149.46	7212.51
11011101010100110100	10700	548515.84	216154.09	5068.36
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01110101010101100100	10200	496789.18	219536.06	8265.47
00111111010101100101	11500	542409.42	219286.28	6661.43
10111101010110000001	10500	547812.48	196462.97	5626.92
10001011000000000000	4300	426486.6	124402.39	12346.9
00001101010110000100	5700	468357.08	180518.05	10567.82
01011111010110000101	9000	546906.88	211739.29	5616.52
01001111010110000111	10100	536115.24	215724.39	7008.46
11011100000110000011	9400	555141.32	180007.41	5284.78

00011111010110100101	8600	532514.86	215184.46	6793.19
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00111111010110100101	10400	543138.06	221140.79	6378.99
01001001010110101101	8900	501654.78	222841.84	8357.87
00101001010110101101	9800	497232.7	221172.78	8557.55
11011100000110000111	9900	567069.32	187080.31	4591.78
01011100000110000111	8100	534391.78	188405.15	6456.37
11111011000110100101	11300	566877.18	214001.9	4540.47
01001111010111001101	11800	567537.54	214809.02	5471.41
01111011000110100111	11500	551294.4	224820.12	5646.6
01001001010111101101	10900	532577.66	224540.35	7505.39
11111101011000100100	11800	542751.64	218242.76	5681.06
01111111011000100100	10700	522755.88	227370.98	7020.02
01111101011000100100	10000	508778.7	216081.79	7761.55
10011101011000100100	9100	518219.02	200770.7	6519.83
10011100000110100010	8200	529418.4	183670.01	6188.6
01011100000110100010	7300	511802.76	184939.18	7436.54
11011101011001100100	12000	563312.44	201178.06	5199.26
10011101011001100100	11100	548595.42	196489.32	5758.43
01011110000110000011	8300	535980.7	185753.13	6484.55
11011110000110000011	10100	568658.24	184454.55	4619.96
01011100000110110111	10400	568438.3	189533.59	4809.95
10111101011010100100	11800	559862.42	209377.39	5075.93
10011110000110000101	7700	550664.22	184069.47	4929.63
00011110000110000110	7100	513420.82	185882.16	7484.53
11011011010100000101	9200	521130.46	209382.4	6477.59
00000111000010100111	7200	466784.58	191348.8	11140.57
01011001011100101100	9900	499513.32	226024.43	8138.78
01000111011100101110	11700	492413.22	232830.84	9236.13
00011110000110100101	6400	513940.26	193846.56	8140.29
10011110000110100111	10200	570410.54	200330.48	4400.91
01011011011110000110	11300	546620.76	219845.5	5945.54
11011110000110110101	10900	595738	189235.35	3339
11111111000110100001	11500	578959.94	205735.41	4108.01
01011101010100000101	7400	499024.52	204250.69	7868.58
10011101010100000101	8300	518385.32	197371.19	6329.78
11011101010100000101	9200	533379.42	206590.1	5724.43
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10111111000110100101	11100	574349.44	208833.6	4277.76
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01010011100000100100	6300	446185	188754.86	10964.5
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01001111000000100111	7900	484245.72	212133	10127.38
00001111000000101101	6700	465949.02	208968.33	10681.83
10001111000000101101	8500	513532.24	219226.15	6332.96
01001111100001101101	11300	549646.82	218793.84	6195.53
11001101100010000101	9100	549244.5	181776.61	5934.25
01001101100010000101	7300	513719	180644.47	8273.5
01011011100010001111	11900	559525.34	211326.69	5428.11

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00011111010100000101	7200	493331.02	203900.29	8511.83
10011111010100000101	9000	531902.24	207211.25	5664.96
01011101101110010100	11700	587222.48	180262.7	4519.92
01011011100100001111	11700	541609.1	231657.04	5850.15
01111111100100001100	11400	540561.3	225649.02	6005.45
00111011100100100111	11400	529997.18	234259.04	6430.47
11011101100100110100	11300	568526.1	206111.95	4520.65
11010001000000100100	5700	431566.62	168555.57	12126.23
01011101100100110100	9500	537608	205400.72	6092
01111101100100110100	11300	547528.48	209395.21	5794.92
00001001110110101101	9700	512525.26	214015.72	7920.79
11111010010110100100	10500	544576.62	218500.26	5309.23
10011101100110000001	9300	558129.6	176822.43	5338.4
11011111100110000100	10600	581818.46	193895.8	4005.59
01111011100110000101	10700	554591.64	206018.5	5603.06
00111011100110000111	11800	556482.42	209616.64	5484.93
10011111100110001001	11700	585015.8	187471.29	3934.7
00011111100110001001	9900	550232.74	196784.82	6150.21
00111011100110001101	11500	549453.22	211004.72	6055.13
10011111100110010100	11500	592034.1	179635.59	3765.65
00011111100110010100	9700	557251.04	184534.12	5981.16
01011111100110100101	10100	572350.12	207519.57	4834.98
00011111100110100101	9200	553491.06	204079.58	6084.49
11011111100110100101	11900	603268.22	194847.48	3263.63
01001001100110101101	9500	522279.62	215170.04	7707.73
01011111100111000001	11100	585821.84	185874.7	4924.36
10011111100111000001	12000	602022.92	169432.69	3912.18
11111100010110000100	10000	548247.4	200117.4	5314.1
01001111100111001001	11900	575760.38	195713.81	5593.27
00011111100111100101	11200	583867.46	192135.72	5323.09
10000101000110000001	6000	466435.96	157276.86	10711.34
11010011000000100000	5900	440767.5	166091.81	10885.75
01010011000000100101	5400	429086.2	187814.63	12707.3
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11011111101010000001	12000	596416.3	171210.36	4090.95
01011111101010000001	10200	565498.2	180206.41	5662.3
01011111101010010100	11700	585088.86	180361.4	4887.19
01011101101011000001	11500	582080.6	171971.22	5611.9
01111110010110000111	11700	563034.48	206827.39	5107.92
11001111000010101101	10300	558700.24	213636.58	4838.96
10001111000010101101	9400	545230.08	211703.88	5190.32
00001111000010101111	9600	526454.46	217956.92	6828.59
01011011110000110110	11900	535821.44	225158.75	6096.76
10001101000011100101	9000	548720.28	190964.46	5832.62
01011001101100101100	10500	522805.76	223583.73	7044.04
11001011000100100111	9700	514636.18	222130.38	7343.97
10001011000100100111	8800	497425.44	215283.02	8318.76
00001101110110101101	10400	539017.38	219556.87	6381.77

10001010101011100101	11400	576235.18	173015.52	5187.47
01010111000000100000	4800	424874.56	163207.5	12829.24
01011101110000100110	10100	521896.7	217766.49	6349.55
11011101110000110100	11700	560935.72	208530.24	4690.38
01111101110000110100	11700	543911.3	214179.12	5302.45
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11010111000000100100	7100	481113.86	200681.9	8332.69
01001101110010000101	8400	521299.76	190417.14	7491.04
01011101110010000101	9300	547813.96	194891.73	5569.34
01011111110010000101	10000	561330.88	198453.69	4904.52
00011101110010100100	8100	519419.96	195433.99	6918.34
01011101110010100100	9000	538279.02	206309.63	5668.83
10010011000010100100	6400	467480.2	171867.29	9975.3
01111010000000000000	5000	430440.6	146256.98	12585.9
01011111110100000101	9800	543414.64	217081.7	5326.56
11011111110100000101	11600	570359.54	208417.17	4417.41
01001001110100101101	9700	498162.54	230787.57	8067.91
00001001110100101101	8800	480827.42	216984.42	9063.43
01001001110100101111	11700	513885.1	240283.73	7538.15
11000110010100111101	11200	519134.68	231400.08	7295.22
11000010010110100100	7100	467814.94	188191.47	10105.51
11011011000000000001	6900	488504.18	172326.8	8562.97
00011011000000000001	4200	420006.36	140004.33	14503.94
01001111110110001001	11000	553241.82	210898.9	5526.03
10111100110010100100	10600	550491.58	195955.11	5410.07
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01001001110110101100	9800	513075.6	218399.48	7561.4
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01001101110110101101	11300	556352.5	225086.12	5386.25
01001011110110101101	11300	543377.3	229283.94	6260.45
00000100010110000100	3900	414734.64	136549.07	14093.56
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01001111110111000101	11800	578697.6	197824.96	5390.4
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11011011000000100100	7100	494917.9	201799.99	7299.35
01011011000000100100	5300	451551	189529.79	10945.5
01011101000000100000	4800	449808.98	166583.09	11229.17
01001011111100100110	11700	517402.52	232132.18	8117.58
11010011000100100100	7100	464979.02	201511.82	9721.83
00010011000100100100	4400	400355.94	165318.47	15017.01
00111111100110001001	11700	560504.58	201058.33	5794.57
01011111000000000000	5000	453661.24	162990.67	11503.46
11011111000000000000	6800	497028.14	177631.98	7857.31
10011111000000000000	5900	480202.36	162869.8	8767.94
01011001111110101000	12000	552107.8	218322.89	5486.7
01001000010110000100	4800	442756.44	158792.6	12584.26

00001000010110000100	3900	418278.44	137487.53	14770.26
00001111000110100101	6600	496203.26	203122.04	9866.79
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10001111000110100101	8400	540687.48	207581.99	6034.42
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00011110100110110111	11900	590054.54	189039.05	4169.91
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Ω	f1	f2	f3	f4
01011010000000000000	3200	412273.48	123675.61	14257.42
11011010000000000000	5000	461223.86	144838.2	9680.69
01000000000000000010	2900	294537.68	63006.36	27741.72
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110000000000000000100	3200	361210.76	99748.31	19415.54
01001010000000000101	3600	414606.1	142548.94	14827.65
100000000000000000110	4300	365252.6	97694.38	18938.9
000000000000000000110	2500	287875.84	66869.7	28253.36
010000000000000000110	3400	328051.76	95471.61	23451.04
110010100000000000101	5400	469177.4	161132.53	9314.1
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11111110000000100000	8000	507363.28	198904.64	6895.12
10111110000000100000	7100	490537.5	187975.27	7805.75
00011111000000100000	4600	441929.98	166572.02	12236.67
01011111000000100000	5500	463786.16	183782.01	10487.64
000100100000000100100	2600	361921.62	124754.9	18578.73
110100100000000100100	5300	442160.36	172243.8	10680.94
100100100000000100100	4400	423281.14	150843.37	11933.81
110110100000000100000	5500	472717.2	171847.53	8436.8
01011111000000100001	6300	481028.08	193660.8	9775.32
000111110000000100000	3500	428210.88	148277.9	13255.52
01011111000000100100	6000	476658.56	200732.96	9637.24
00011111000000100100	5100	457448.14	185986.45	10945.31
01011010000001000000	5200	450672	142899.53	12159
01011000000001000000	4500	425718	125052.72	14730
00011010000001000000	4300	422691.32	120549.43	14928.78
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01011110000010000111	8100	533617.82	185967.89	6597.03
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100110100011111100101	11300	586875.9	185266.43	4219.35
11011100000010100011	9200	550460.8	187118.17	5160.2
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01011100000010110011	9200	546502.1	176946.93	5594.65
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01011010000011000000	6100	487004.3	158782.26	10243.95
01001000000011100101	6300	485997.72	171890.9	10454.38
10001110000011100101	8600	552908.9	183954.17	5454.85
01001110000011100101	7700	525776	185530.39	8289
11001111000111100101	11300	587997.54	195997.47	4344.41
10011110000100001100	7700	515297.26	192632.48	6011.79
11011110000100001100	8600	528767.42	202989.15	5660.43
01011100000100100011	7200	487256.4	187606.12	9548.6
11011100000100100011	9000	527521	196578.24	6419.5
01011010000100100111	7700	488334.64	213197.73	9375.56
11011010000100100111	9500	528599.24	216833.05	6246.46
10011010000100100111	8600	513605.14	210578.61	6851.81
11111010000100100111	11300	540778.96	225404.03	5572.84
10111010000100100111	10400	525784.86	222116.75	6178.19
00111010000100100111	8600	485758.94	216531.82	9267.51
11101110000100101100	10000	521217.54	222327.24	6449.41
11011110000100110011	11500	566299.2	202855.2	4900.8
01011100000100110100	6700	492299.9	187583.18	9107.35
10111100000100110100	9400	530330.56	198328.93	5813.24
10011110000100110111	11100	563973.98	209907.93	4689.67
01011010000101000000	5900	467127.32	161367.33	10992.78
00011010000101000100	5500	459284.32	160525.9	11701.28
11010100000110000001	6700	497625.12	163735.96	8636.48
10010100000110000001	5800	481112.3	148675.66	9494.95
10011100000110000011	8500	540147.22	174835.38	5890.13
00011100000110000011	6700	504658.8	167783.63	8223.2
01011110000110000101	6800	528212.94	188571.81	6983.51
01011110000110000110	8000	531225.8	194734.05	6410.7
10011110000110000111	9700	565592.14	189791.99	4532.31
01011110000110000111	8800	547908.7	194999.89	5791.55
11011110000110000111	10600	580586.24	189985.66	3926.96
01111110000110000111	10600	557829.18	199497.42	5494.47
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10101100000110000100	7100	505470.76	172331.97	7571.54
01101100000110000100	6200	480959.14	172165.2	9968.81
11011110000110000101	8600	565658.32	188391.01	4324.28
01011110000110001111	10500	560991	204885.19	5100.5
10011110000110001111	11400	578961.42	195964.63	3793.43
11011110000110010101	10400	590919.6	182380.6	3470.4
10011110000110010111	11500	590853.42	182674.75	3678.43
01011100001111100101	10400	573883.16	182891.32	5985.14
11011100000110100001	7900	546576.2	190606.68	5293.3
11011100000110100010	9100	544412.5	190626.19	5583.25
11011100000110100011	9900	561504.12	192133.41	4895.98
00110010000110100100	6000	443476.38	174181.79	12059.27

01110010000110100100	6900	463502.8	191948.64	10615.2
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11111100000110100011	11700	571042.64	195096.65	4662.56
10011100000110100011	9000	546510.02	189174.51	5501.33
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10011100000110100001	7000	531582.1	183519.91	5898.65
11001110000110101011	11400	564959.58	201716.44	4900.07
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01111110000110100101	9100	543071.16	206252.92	6535.14
11111110000110100101	10900	580015.24	202637.09	3959.46
10011010000110100111	9500	545302.98	201907.39	5709.17
10011100000110101011	10700	559879.3	197849.67	4762.45
11011100000110110011	11700	589066.7	183403.81	3658.55
01011110000110110101	9100	559958.16	191770.83	5720.64
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10011110000110110111	12000	595671.82	188747.59	3547.03
01011110000110110111	11100	579653.92	192179.88	4528.68
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11001100010110000100	7300	516802.08	185029.5	6701.32
01011110000110111101	10800	571803.5	198306.7	5235.75
10011010000111000101	9000	554683.44	175790.61	5684.76
10011000000111000101	8300	541166.52	171307.85	6349.58
11001100010110000101	8100	533893.7	189282.92	6014.05
01011010000111000101	8100	532070.52	187185.3	7765.58
10001100010110000101	7200	516682.96	180843.05	6988.84
01001100010110000101	6300	497360.32	184638.93	8521.28
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11011010000111000101	9900	569400.46	181691.65	5125.59
10011110000111100101	10200	585859.02	187301.62	4036.83
11011101000010101110	11700	565233.26	210532.08	4588.79
01011110001111000101	10600	582462.34	175476.32	5471.61
01001010001000000100	4600	422104.48	141850.24	14644.92
01001010001000000101	5400	442051.14	153595.93	13481.81
10001010001000000101	6300	480104.4	156332.62	8827.6
00001000001000000101	3800	402216.68	114233.77	16639.22
00001010001000000101	4500	417046.34	138085.99	15755.61
11001000001000000101	6500	483105.52	149533.67	8633.08
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11001010001000100101	7700	505230.32	189790.97	7205.28
10000010001001000100	6800	457038.5	135040.21	10668.25
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01011001000100101100	7000	460769.32	207588.83	10886.78
01001010001010000101	6300	484684.16	161380.24	10516.64
01010101000110100001	6500	477655.72	185838.99	10322.38
11011010001011000101	11000	582007.42	170730.51	4676.43
10011010001011000101	10100	567290.4	168516.31	5235.6
01001110010110000100	6200	494245.88	189981.29	8467.02
01011000001011110101	10800	567669.66	177273.98	5924.39

00011010001100000101	6100	464285.88	172477.86	11956.02
01010111000110000101	7200	501029.16	196656.71	8638.14
11011011000100100011	10100	525258.66	214938.66	6775.89
11011010001101000101	10800	564091.18	181654.56	5098.47
01011011000100100110	8000	482290.08	219760.91	9489.32
01011011000100101111	10500	511173.82	240572.14	8326.03
10011010001110000101	8800	550695.6	179840.65	5276.4
11011010001110000101	9700	565689.7	183421.89	4671.05
01011010001110000101	7900	527766.96	186532.35	7409.84
10011110001110000111	11500	589149.42	183896.52	3834.43
11011100001110100011	11700	585061.4	182410.31	4198.1
01111110001110100101	10900	566628.44	198595.96	5837.26
10011110001110101101	11700	592409.18	195101.84	3361.47
01011110001110110101	10900	582286.16	179672.73	5227.64
01011010001110111101	11900	571591.1	198729.74	5623.15
11011010001111000001	11200	583861.02	171082.66	4648.83
10011010001111000100	10000	564440.64	178276.47	5125.56
10011010001111000101	10800	581072	172910.14	4515
11011010001111000101	11700	595789.02	173863.9	3955.83
10011110001111000101	11500	604597.9	166169.75	3470.35
11011000001111000101	11000	582272.1	173322.42	4620.65
10011000001111000101	10100	567555.08	169853.78	5179.82
11010111000110100101	9500	541508.06	206515.29	6144.99
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00011010101011100101	10500	562492.52	186660.7	6393.58
010110100011111100101	10400	564859.68	195222.31	6200.72
110110000011111100101	11500	588076	184933.42	4325
010110000011111100101	9700	551342.76	192459.28	6865.54
01110010010000110110	10200	468620.82	214598.61	9973.53
11100111000000100101	8800	485783.98	216318.6	8574.67
01011000010000111101	8900	496988.42	210090.08	8004.93
10111000010000111101	11600	530681.5	216661.14	5433.75
11011101000100100100	7800	517091.6	208204.65	6468.4
11011000010000111101	10700	531971.94	215088.95	5756.01
01001000010001100101	6500	461503.78	178973.94	10877.37
00101100010010000100	5700	454297.84	157340.8	11423.36
01101100010010000100	6600	476407.58	172732.17	9632.07
01001100010010000100	4800	463813.38	158718.38	10374.77
01001110110000111101	11100	542278	221879.84	5692
11111100010010100100	9800	542022.48	207035.43	5446.92
00011100010010100100	5300	478793.18	176620.64	9153.47
11011100010010100100	8000	532483.96	197843.87	5680.34
00001000010010100111	6500	458892.28	171697.04	11348.62
00001000010010100101	4500	437912.28	156125.59	12754.62
11001000010010100101	7200	500945.9	182703.81	7724.35
10011100010010100100	7100	517489.86	188299.81	6285.69
00011000010010100111	7400	490069.68	187339.12	8649.72
01011100010010100100	6200	498003.6	190825.64	7845.4
01001000010010100101	5400	464022.58	172480.69	10296.57
01101000010010100101	7200	477093.54	187244.66	9474.41

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01001000010011100001	6900	484792.62	174149.65	9841.23
00001000010011100101	6500	475715.84	171617.95	10755.36
01001000010011100101	7400	495176.22	185345.57	9405.63
11001100010011110001	11200	574740.92	181231.32	4664.18
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10011110010100000101	7900	522625.48	197150.92	5943.42
11011110010100000101	8800	537619.58	205202.43	5338.07
11011110010100000111	10800	552547.5	208205.41	4940.75
01111110010100000111	10800	528669.04	217334.17	6695.16
11001100010100000100	6400	484697.2	180148.54	7911.8
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11010100010100100100	7100	466068.24	199421.72	10041.96
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01110010010100100100	7100	435246.02	208529.16	11665.33
01110100010100100100	7100	441904.6	198992.13	11843.9
11110010010100100100	8900	469338.3	218989.62	9564.95
10010100010100100100	6200	449555.42	181310.78	10900.43
00110100010100100100	6200	421878.18	179187.41	13287.97
11010110010100101101	10300	513527.8	232698.93	7370.7
01110010010100111101	11400	493429.76	240125.55	8975.04
01010110010100111101	10300	506567.24	230743.92	8305.46
11011111000100100101	9300	548107.18	219131.64	5048.47
10011111000100100101	8400	533113.08	214303.79	5653.82
01010100010101000100	6800	472534.86	181575.37	9012.19
01011111000100100101	7500	504740.28	217184.17	8694.62
11011111000100100111	11300	563035.1	221346.64	4651.15
01011111000100100111	9500	524436.04	224232.6	7502.66
10010110010100111101	11200	526052.6	222802.31	6745.9
00010110010100111101	9400	487362.04	218430.43	9612.66
01110100010101100100	9100	487393.08	208170.65	8563.82
01010100010101100100	7300	477472.6	198415.56	8860.9
11111100010101100100	11600	551060.24	213952.91	5677.96
01111100010101100100	9800	520228.36	213956.68	7234.94
11010110010101100100	9800	522663.62	213762.58	6498.73
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01011100010101100100	8000	510307.88	206340.25	7532.02
11010100010101100100	9100	508686.44	205827.41	7240.26
01110110010101100100	9800	501370.26	218458.99	7822.29
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01010100010101101100	9000	489624.78	215695.08	8324.87
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11001100010110000000	6800	504636.48	171988.67	7433.92
01001100010110000000	5000	467033.9	159609.13	10119.35
10011110010110000100	8000	537691.96	191290.03	5411.34
11001110010110000100	8000	530779.26	194955.79	5959.79
00101100010110000100	6400	469464.84	172886.27	10471.86
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01101100010110000100	7300	490189.18	187017.2	8911.47
01001100010110000100	5500	480268.7	176365.61	9208.55
11011110010110000110	10900	567613.98	199694.85	4408.67
00011110010110000111	9000	535309.02	198595.34	6478.83
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11011110010110000111	11700	584245.34	194077.62	3798.11
01011110010110001110	10800	548327.98	213926.42	5530.67
01001100010110010100	7300	508085.38	179019.04	7928.77
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11001100010110010100	9100	544618.76	186051.95	5421.54
11011100010110100011	11000	565163.22	197731.89	4767.13
01001100010110100100	6000	485206.44	191482.12	9057.26
01010010010110100100	6200	460222.7	194636.21	10286.55
00110010010110100100	7100	452757.96	191185.54	10993.34
10010010010110100100	7100	475516.52	184766.87	9425.58
00010010010110100100	5300	438966.52	174239.15	11935.58
01110010010110100100	8000	472784.38	208615.44	9549.27
00010110010110100100	6000	466671.72	186145.89	10194.38
00001000010110100111	7200	471276.12	187226.04	10860.98
01110010010110101100	9700	484629.72	222875.87	9064.38
01011110010110101110	11300	553265.72	222780.8	5379.38
00011110010110101110	10400	536984.68	218508.06	6199.22
00001010010110101111	9600	504986.36	215902.21	8319.94
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01011011000110100101	7700	519036.96	211594.12	7575.84
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00011110101011100101	11200	585032.92	178072.25	5513.18
01010010010111100100	8200	496376.5	206161.98	8562.25
01010100010111101100	9900	521729.66	215190.21	7114.39
00001010011000000101	5600	433846.22	153019.49	13436.63
01011101000110000001	6700	514000	185132.82	7737
01010110010101100100	8000	491449.78	210040.12	8119.37
10111100000110100011	10800	556048.54	195104.91	5267.91
01001010000001000000	4300	417344.02	119909.06	15216.33
10111100000110100111	11300	566432.14	200932.35	4832.31
00111110000110000111	9700	540024.2	197609.97	6568.3
10111110000110000111	11500	575130.66	194545.35	4298.89
01011101000110100001	7200	520244	198389.01	7368
01111011010100000101	9200	499601.36	221508.73	7840.44
00011101000110100101	6800	511417.18	197977.8	8240.47
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101111110000110100011	11500	569565.46	199262.87	4603.09
01100011000100100111	9000	445364.26	219363.44	12520.29
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01011010011101100100	9800	525301.94	215565.89	6973.01

00111011010100100111	10800	502731.54	238103.15	8187.41
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11011111000110100001	9700	569421.42	203298.29	4341.43
01011111000110100100	7600	527513.16	211827.6	6878.14
00011111000110100100	6700	508302.74	202408.45	8186.21
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00011111000110100111	9500	546035.3	212274.04	6149.45
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01001010011111100100	9800	529738.82	201726.94	7876.53
01011010011111100100	10700	557406.82	212248.99	5762.53
01011111000110101100	9300	539358.5	222231.27	6393.25
10011010011111100100	11600	573903.64	198631.53	4701.06
00011111000110101101	9200	538303.38	217532.87	6836.77
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11011111000110110001	11500	594631.16	190434.67	3496.14
00011100100000000110	6500	480313.76	162332.43	8966.04
11011110100000001100	9600	538449.02	198524.39	5738.83
00101111000000100000	5500	422471.74	168565.81	14338.71
10101111000000100000	7300	474356.96	189589.58	9272.84
00101111000000100101	6800	455028.3	202432.43	12368.95
01101111000000100111	9700	496833.8	220852.29	9385.7
00101111000000100111	8800	475980.94	215257.69	10967.51
01101111000000101111	11400	515919.34	235375.3	7694.11
00011100100010000100	5400	490650.24	152976.66	9292.96
11011100100010000100	8100	544731.38	172198.39	5754.77
01011100100010000110	8300	530223.62	178610.8	6681.73
00011100100010000110	7400	512418.64	167965.47	7755.56
01011100100010000100	6300	509509.3	167749.86	8043.45
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11011100100010010110	11900	588114.5	174001.09	3971.25
01011100100010100100	6800	517185.32	184086.11	7435.78
00011100100010100100	5900	498326.26	171526.04	8685.29
11011000100010100100	7900	526720.24	181054.44	6551.96
11011100100010100100	8600	552288.06	187810.94	5166.99
10011100100010100100	7700	537293.96	179911.81	5772.34
01011100100010101110	10500	551134.16	205865.32	5357.64
01111111010100000101	9900	522461.92	223473.75	6906.68
11111111010100000101	11700	556434.86	219412.44	4826.19
11011010010110000111	11000	558348.06	196714.12	5237.99
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01111010100011100101	11400	568021.02	197986.18	5493.83
10011110100011100101	11200	598278.9	176919.5	3658.85
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011111101001000000100	8600	517757.4	203322.63	7049.1
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100111101001000000100	7700	525391.18	186463.64	6108.47
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10111110100100001100	11200	548298.98	206186.55	5136.17

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10011110100100001100	9400	538760.46	198101.21	5369.59
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11011100010101100100	9800	541521.72	209047.81	5911.38
01011110100100110111	11900	576161.68	213591.26	4238.72
01100111000100100111	9700	469806.78	223552.43	11322.87
10011110010100111101	11900	565868.28	219336.67	4253.62
01011110100110000111	10500	576268.92	194238.02	4333.18
11011110100110001100	11200	584335.5	192355.5	3807.75
10011110100110001100	10300	570865.34	188047.63	4159.11
01011010100110001111	11500	562821.96	209088	5187.34
01011100100110100011	9800	557306.14	193523.69	5282.31
11011100100110100011	11600	584967.32	187876.25	4253.78
11011110100110100101	10800	593939.92	192190.11	3550.68
01011110100110100111	11000	581206.66	202392.78	4181.89
10011110100110110101	11700	604207.1	180762.46	3302.15
11011100010110000100	8200	538708.88	192752.72	5547.52
00011100010110000100	5500	487572.48	174087.69	8594.92
01011110100111001001	11700	587672.16	186195.86	4837.64
01010100100111010101	10900	569274.44	178302.81	5334.26
01101101000010101111	11600	539139.06	219149.73	6376.49
10110011000000100100	7300	446940.4	187511.8	10614.6
01110011000000100101	7200	444315.48	205407.9	11525.42
11110011000000100101	9000	484632.82	215651.16	8387.53
01011100010110100011	9200	534151.22	200085.93	6354.13
01011010110000111101	11300	539077.24	227562.05	5846.46
10011010101010100101	10300	568919.38	188296.67	4602.77
01111010101010100101	11200	563253.78	205715.51	5215.37
00111010101010101101	12000	559197.7	215319.24	5487.05
01011110101011000001	11100	584010.88	164905.96	5610.52
11011110010110000101	9700	569317.42	195478.96	4195.43
01011110010110000110	9100	536482.64	204710.33	6015.56
10011110010110000111	10800	569251.24	194220.9	4403.46
01011110101011100001	11600	593231.3	175423.01	4745.45
10011010101011100100	11500	582664.42	183913.8	4451.93
01011010101011100101	11400	581074.5	189340.83	5190.25
00101111000010101101	9400	515976.46	216973.14	7840.59
01101111000010101110	11500	536024.62	221072.77	6322.23
01101011000100100111	9700	484026.2	227784.74	10220.3
01011000110010100100	7200	500641.38	186958.14	7797.77
01011010101111000101	11600	586226.5	182198.6	5236.25
01100111000110100101	8600	489253.84	209881.53	10131.36
01111100110000100100	8800	506698.52	209105.83	6880.58
01111000110000101101	10600	513576.16	229041.29	6508.64
01011000110000101101	8800	500505.2	216546.32	7330.8
01011100110000101101	9500	525612.76	221927.99	6022.54
01001110110000101111	11300	532945.44	230604.87	5981.76
01110111000000100100	7100	450335.04	201083.42	11237.16
01011100110000111101	11300	552969.18	217871.33	4819.47

01011000110000111101	10600	527861.62	218702.68	6127.73
11011100110010000100	9200	548390.48	179593.72	5625.92
01001100110010000101	7300	511275.04	173883.47	7894.16
01011100110010000100	7400	518533.18	179166.34	7020.47
10011100110010100000	8300	530569.46	176839.64	6079.09
00011100110010100000	6500	496966.54	168759.37	8097.91
11111100110010100000	11000	555102.08	194510.76	5240.32
01111000110010100100	9000	515876.78	200574.89	6614.87
00011100110010100100	7000	507350.14	182354.01	7662.31
10011100110010100100	8800	540953.06	186718.63	5643.49
01011100110010100100	7900	526209.2	194577.13	6412.8
11111100110010100100	11500	565485.68	200550.13	4804.72
11011100110010100100	9700	555947.16	194280.81	5038.14
01111100110010100100	9700	538803.4	203557.78	5670.1
00011100110010100101	7800	526606.2	188441.87	6614.3
00001100110010100100	6100	476679.74	168600.93	10276.71
01011100110010100101	8700	545465.26	196667.71	5364.79
01011100110010101100	9600	538997.98	209309.19	5770.67
01011100110011100100	9900	556308.52	198044.77	5697.58
11011100110011100100	11700	586046.48	190367.36	4322.92
11011110110100001100	11400	555889.72	213345.07	4889.38
01011000110100110111	11600	543291.44	220754.62	5733.76
01011000110100111101	11300	539414.22	227625.14	5778.63
11101111000100100100	9400	518700.5	223319.84	6647.25
00011011001100101100	8600	482350.58	215796.43	10212.57
01011110110110000111	11600	581319.6	198790.11	3972.4
01001110110110001101	10400	555535.58	206801.8	5171.07
01011011100110001101	10600	553611.18	211302.28	5899.47
00011011100110001111	11700	557025.9	214747.24	5527.35
01001100000110000100	4400	471038.66	160730.47	10265.89
00011100110110100100	7700	521067.18	193801.63	6952.47
01011100110110100100	8600	539926.24	204764.31	5702.96
01001000110110101101	9500	520233.52	211022.71	7262.08
01101000110110101101	11300	532795.2	217047.06	6524.8
01111010110111100000	11900	561073.26	210397.19	5252.79
01011100110111100101	11400	587117.18	198960.43	4300.47
01011010110111110000	11900	573566.7	195897.53	5170.55
01111011000000100000	6600	453907.88	189339.45	10614.02
11111011000000100100	8900	507097.62	216893.87	6625.73
10001100000110100011	8100	522386.58	183919.99	7024.57
00001100000110100011	6300	482410.1	172435.39	10105.65
10111011000000100111	10800	524069.84	224374.46	6155.36
11111011000000100111	11700	539063.94	227574.7	5550.01
00011010000001000001	5100	445872.04	136334.62	13226.66
01010111000000100100	5300	437746.96	185775.65	11978.84
01011101001100101100	9500	509434.16	212231.76	8880.64
11011101001100101100	11300	552801.06	211148.89	5234.49
00011110110010100100	7700	521327.32	192299.68	6920.78
11011110110010100100	10400	569924.34	198022.21	4296.61
01011100111010100100	9700	549766.48	196403.84	5714.92

10111101000000100100	8000	500592.7	201127.89	7104.55
11111101000000100100	8900	515586.8	210761.18	6499.2
01110011000100100100	7100	436841.4	205353.59	12186.1
11110011000100100100	8900	477158.74	215382.16	9048.21
00110011000100100111	9000	456901.22	217596.26	11201.13
11110011000100100111	11700	511774.42	231132.64	7530.93
10010111000000100100	6200	464601.04	184835.93	9191.16
01111111000000000000	6800	466249.32	179071.24	10761.78
011110000011111100101	11500	563112.08	198605.33	6260.32
11011110000000100000	6200	497824.76	185206.02	7128.54
01101111000110100101	9300	527550.8	214832.2	7892.2
010010101111111100100	11500	557351.62	200844.09	6542.73
10011011000000000000	5200	454436.48	142754.01	10185.92
00011011000000000000	3400	399041.62	121383.52	15836.73
01011011000000000000	4300	427299.38	145013.62	13020.77
01111011000000000000	6100	442792.78	165730.29	11794.87
11011011000000000000	6100	471262.26	161723.17	9275.29
01010011000000000100	4100	400309.06	146522.6	14670.49
10011001000000000000	4500	428165.06	121597.45	12976.49
01011001000000000000	3600	402345.38	122682.55	15591.77
010110110000000000001	5100	444541.3	159637.15	12308.45
00111011000000000000	5200	419454.06	145067.35	13790.99
100110110000000000001	6000	473510.08	157354.92	9168.32
10011011000000000100	5700	471708.8	163206.33	8602.2
00111011000000000100	5700	437540.46	167859.18	12071.59
10111111000000100000	8200	499865.8	199951.65	7518.7
10011111000000100000	6400	490327.28	185150.57	7752.12
11011111000000100000	7300	507153.06	197699.62	6841.49
11111111000000100000	9100	516691.58	209533.54	6608.07
11010011000000100100	6400	453639.9	187365.05	10035.35
01010011000000100100	4600	410273	170390.56	13681.5
01110011000000100100	6400	425502.28	190334.43	12499.62
01100111000000100111	9000	458763.46	214741.67	11587.09
00010011000000100100	3700	379847.02	145676.67	16858.83
01111111000000100000	7300	476374.24	198327.26	9745.96
01000111000000100111	7200	446175.38	203883.72	12328.77
10010011000000100100	5500	434760.68	167312.1	11288.22
11101111000000100111	11500	539623.5	224646.14	5835.75
10011011000000100111	9000	511890.12	211338.82	6828.98
01001111000000101101	7600	483635.5	219628.89	9627.75
01111011000000100111	9900	503514.44	226869.16	7893.26
11000111000000100111	9000	492343.74	215093.19	8215.71
10001111000000101111	10500	528460.16	228002.89	5935.64
01000111000000101111	8900	465590.02	224124.26	10582.33
01010011000000101100	6300	422118.34	193315.42	13196.61
00101111000000101111	10500	499638.3	231809.77	8513.95
01110111000000101111	11600	500084.9	237627.89	8686.85
11001111000000101101	9400	527002.4	225225.77	5981.6
10111111000000100100	8700	514569.88	214274.29	6363.02
10100111000000101111	11600	498738.72	230618.45	8101.88

11111111000000100100	9600	529563.98	221392.7	5757.67
10011111000010100101	8600	553767.6	200757.19	4775.4
11111111000000101000	10800	528536.92	218641.25	6123.18
110011110000001001101	10900	549545.04	199573.22	5854.16
010100110000001100100	6600	454747.84	185095.58	10570.36
100011110000001100101	8800	530539.36	198581.04	6310.44
000011110000001101101	8700	504347.54	207617.93	8583.41
110011110000001101101	11400	557101.72	213866.8	5266.38
010011110000001101101	9600	522034.02	215651.01	7529.33
010111110000001101101	10500	543940.82	217463.83	6375.53
010001110000001101101	8900	489198.74	214595.93	8858.21
010011110000001101111	11600	541729.78	219697.54	6337.37
000111110000001101101	9600	526254.34	211371.15	7429.61
10011011000010000000	6100	492004.48	156522.18	8064.92
00011011000010000000	4300	447911.34	142456.7	11832.11
010101010000100000001	5300	456909.52	157285.37	11532.08
000101010000100000001	4400	436180.38	137651.17	13093.27
11011011000010000000	7000	506998.58	171424.42	7459.57
11111101000010000110	11300	555062.92	198868.46	5479.18
11111101000010001100	11000	552287.18	202423.85	5340.47
11011101000010001110	11200	557676.58	200031.82	5176.57
01011111000010100000	6400	506086.24	191379.97	7577.96
10111111000010100000	9100	536291.16	200627.52	5588.14
11111111000010100000	10000	551285.26	206142.49	4982.79
10011011000010100100	7100	512028.68	189716.67	6694.22
00011111000010100101	6800	513890.78	197219.2	7839.87
01011111000010100101	7700	533101.2	203901.51	6531.8
01010011000010100100	5500	450698.92	178183.84	11084.18
11001111000010100111	10600	561782.82	206707.53	4926.53
11010011000010100100	7300	486359.42	187853.32	8722.43
01001111000010100101	6800	506587	200539.49	8453.5
11001111000010101011	11800	563244.56	208784.25	4877.24
10101111000010101101	11200	554768.6	217214.62	4956.9
00101111000010101111	11400	536374.94	223504.19	6531.51
01001111000010101111	10500	542735.5	220422.69	6008.75
01000111000010101111	9800	505608.9	217781.72	8052.85
10001111000010101111	11400	560158	216076.3	4793
01011111000010101111	11400	564642.3	219306.67	4854.95
11001111010100000101	9000	524989.54	214854.99	6213.41
10001111000011000101	9200	554680.52	181245.26	5755.58
01001111000011100001	8300	526895.52	191535.16	8075.08
10101111000011100101	11500	571775.72	196248.25	4934.38
11001111000011100101	10600	576954.22	194224.88	4608.63
10001111000011100101	9700	562237.2	192890.59	5167.8
01001111000011100101	8800	537279.12	197572.37	7639.48
01101111000011100101	10600	547199.6	200674.2	7342.4
10101011000011100101	10800	548155.56	195625.9	5994.74
10001101000011101101	10700	561812.48	201328.35	5139.92
00001111000011101101	9600	536045.38	205169.63	7440.77
10001111000011110101	11500	587446.94	179478.23	4322.51

10001101000011110000	9500	549216.36	170014.19	5649.94
11011011000100000000	6800	485043.86	178225.77	8554.69
10011011000100000000	5900	468218.08	160517.05	9465.32
01011011000100000000	5000	441080.98	165750.81	12300.17
10010101000100000001	6000	446820.52	154739.95	12337.58
10011111000100000101	7900	528294.68	198074.43	5785.22
11011111000100000101	8800	543288.78	205115.41	5179.87
11111011000100000111	11900	544894.66	217676.7	5482.89
01111011000100000111	10100	509345.16	220482.05	7826.14
01111111000100000101	8800	512509.96	211435.87	8084.34
10011111000100010011	11200	553195.22	194026.43	5787.13
11011101000100010100	9100	540244.5	193966.92	5294.25
10011111000100010111	11700	568432.34	203982.9	4542.61
11001111000100010111	11700	561519.64	210599.33	5091.06
01111111000100100000	8000	487417.56	208978.94	9481.74
11111111000100100000	9800	527734.9	215950.63	6343.85
00111111000100100000	7100	466874.66	195996.55	11011.89
01111011000100100011	10100	501888.88	222834.48	8445.52
01010011000100100100	5300	421612.12	188771.92	13367.98
10010011000100100100	6200	448466.2	182719.31	10580.3
11111101000100100100	9600	526630.12	216636.45	6234.98
10111011000100100111	11500	535113.16	229575.91	5891.14
00111011000100100111	9700	496752.78	228444.02	8702.87
01111011000100100111	10600	514557.76	235044.76	7629.04
11011011000100100111	10600	537927.54	224809.43	5959.41
01011011000100100111	8800	499328.48	225627.15	8810.92
10011011000100100111	9700	522933.44	219902.47	6564.76
00011001000100101110	8100	464184.04	207203.44	10514.66
00011011000100100111	7900	481523.5	216059.25	9884.75
11011001000100101100	8800	504136.22	213572.1	7240.63
11111101000100110100	11400	554601.42	210344.52	4929.43
11011101000100110100	9600	545062.9	206139.12	5162.85
00011101000100110100	6900	482485.58	184029.55	10117.07
10111111000100110100	11200	550822.94	213434.2	5253.51
10011101000100110100	8700	530068.8	196716.27	5768.2
10011101000100110101	9500	547107.2	201935.76	5089.8
10001111000100111101	11000	549785.3	220302.16	5223.45
11011111000101100101	11300	578206.5	204446.89	4333.25
00001111000101101101	9400	515390.86	215040.25	8319.19
10001111000101101101	11200	554674.88	213682.39	5353.52
01011111000101110101	11300	568348.54	198080.03	5750.91
10010101000110000001	6900	490559.4	165289.19	9188.1
00010101000110000001	5100	450682.58	153152.76	12252.57
01010101000110000001	6000	471411.72	171526.52	10691.38
11000101000110000001	6900	485165.42	172930.08	9483.43
00000101000110000001	4200	421951.74	139983.88	14543.71
01010101000110000101	6500	483220.92	187002.06	10018.18
00111111000110000101	8800	530738.9	202108.17	7292.85
10011101000110000001	7600	534666.4	179951.6	5980.6
00011101000110000101	6300	506598.78	184841.28	8371.87

11011111000110000101	9700	574986.62	196834.54	4037.23
01011111000110000101	7900	539326.12	201468.38	6398.98
01011111000110000111	9900	559021.88	207107.53	5207.02
01111111000110000111	11700	568942.36	209740.36	4909.94
11011111000110000111	11700	589914.54	197640.26	3639.91
01011011000110001110	10100	528469.98	217963.14	6750.67
11011101000110011100	11700	584194.72	191248.51	3598.88
11111111000110100000	10700	562328.58	209979.18	4718.57
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00011111000110100001	7000	514550.5	197054.83	8011.25
01111101000110100011	11000	549860.24	207770.11	5878.96
11001011000110100100	7800	514774.74	203654.94	7209.21
01010111000110100101	7700	505847.56	207168.54	8506.74
10011111000110100101	9300	564810.92	204805.46	4511.18
00111111000000100000	6400	455220.78	184084.43	11377.87
00011111000110100101	7500	524934.1	205502.06	7575.65
01111111000110100101	10200	554065	214696.24	5970.5
01011111000110100101	8400	544144.52	210923.93	6267.58
11111111000110100101	12000	589343.54	206627.37	3672.41
00010111000110100101	6800	485118.42	195986.27	10067.93
11011011000110100111	11500	569625.38	210963.78	4816.77
01111111000110101101	11900	565910.34	222242.8	5485.61
01001111000110101111	11200	553778.82	225718.31	5744.53
11011111000110110101	12000	605014.76	190412.93	3060.54
00011111000110110101	9300	550143.84	193896.74	6730.36
00101100010110000101	7200	486556.46	182806.27	9784.59
10011111000111001001	12000	591651.92	183911.53	3861.68
01011101000111001010	11600	559448.44	201141.22	5882.26
11011101000111001100	11900	586629.58	196224.96	4138.07
00011101000111001110	11200	554976.6	202881.86	6028.9
10011101000111010100	11100	587731.68	174318.83	3927.72
11011101000111010100	12000	602448.7	179260.41	3368.55
10010101000111010101	11200	570009.04	174968.15	4899.16
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01111111000111100100	11400	568125.76	208483.19	5767.04
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01011111000111100101	10400	574836.64	201389.23	5453.56
00011111000111100101	9500	555903.3	198594.84	6715.45
10011111000111100101	11300	595187.32	190517.15	3749.78
01111101000010101110	11700	544261.08	220212.25	5858.82
01011011001000000100	6600	469128.58	179640.66	10572.57
10011011001000100100	8000	506048.24	198089.72	6778.96
10000011000000100100	4600	407867.28	149674.35	13273.12
11000011000000100100	5500	430348.54	171667.7	11419.91
000101000000110100011	6500	472495.62	164745.62	10111.73
01111001000100100111	9900	501040.84	223399.11	8293.86
11111001000100100111	11700	536590.34	223559.45	5950.61
01111111000000100001	8100	493616.16	205855.45	9033.64
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00101110010110000100	7100	483442.02	187680.61	9730.33

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01011001001100101100	8800	486893.76	212251.64	9761.04
01111011001100101100	11300	515001.02	237645.94	8020.83
01111001001100101100	10600	501330.68	224720.67	8711.22
01011011001100101100	9500	500564.1	226513.13	9070.65
10011001001100101100	9700	516790.5	204666.37	6466.25
11011001001100101101	11400	547452.48	213541.21	5410.92
00111011001100101100	10400	498017.26	229896.4	8957.79
11011101001100110100	11400	567390.9	195837.4	4669.85
11111011000100100101	10400	535179.34	227127.23	5683.11
01111011000100100101	8600	494862	225822.85	8821
10111011000100100101	9500	520185.24	221059.56	6288.46
00111011000100100101	7700	476354.3	215094.24	10011.95
10111011000100100110	10700	518074.76	226082.89	6569.54
11111011000100100110	11600	533068.86	232019.97	5964.19
10011111001110010100	11600	590898.9	180103.09	3914.85
01011011001110010110	12000	566993.66	202305.69	5425.39
00011111001110100101	9300	548491.38	200155.94	6877.77
11011111001110100101	12000	603362.3	190275.09	3207.95
00111111001110100101	11100	559114.58	206040.39	6463.57
01111001001110101100	11500	538474.36	223473.22	6660.94
01011001001110101100	9700	526705.04	214688.19	7266.16
10111111000000100001	9000	518939.4	207457.22	6501.1
10011011001111000101	11900	590991.6	177025.58	4129.4
01110111000110100101	9500	515768.04	213079.51	8209.66
01011011010000000000	5400	440514.92	162130.13	11299.18
10011111010000000101	8300	518120.64	198417.66	6385.56
01011111010000000101	7400	498759.84	203497.52	7924.36
11011111010000000101	9200	533114.74	206382.13	5780.21
11111111010000000101	11000	542653.26	215241.49	5546.79
01011111010000100000	6600	476405.72	198767.31	8865.38
01010011010000100100	5700	422892.56	189952.33	12059.24
10000111010000100111	9200	476390.6	216302.18	9461.9
01100111010000100111	10100	464742.22	228512.94	11071.63
01110011010000110110	11300	478016.92	226003.68	9675.18
11011101010000110110	12000	552400.44	212222.91	4935.26
01011000000110100011	7400	503838.36	188096.9	8048.94
00000111000000100111	6300	423803.8	189561.56	14163.7
11111101010001100100	12000	549293.68	216479.89	5663.72
00001111010001101101	9800	511928.3	219239.26	7800.95
11001101010010000101	8500	529388.86	193897.34	6456.19
01001101010010000101	6700	493094.16	189471.8	8923.64
10111101000100110101	11300	556645.72	206757.72	4856.38
01011010000110000111	8100	521534.06	194362.4	7310.99
01010111010100000101	7400	473629.84	212305.01	9545.36
10001101010011110001	11400	569300.66	183220.98	4944.89
11011111010100000100	9100	529857.94	214545	5738.01
10011111010100000100	8200	514863.84	203843.69	6343.36
10111111010100000101	10800	541440.76	215675.57	5431.54

00111111010100000101	9000	503954.22	215075.94	8097.63
00001111010100000101	6300	461967.38	197743.05	11241.77
01011111010100000111	10100	528264	222312.74	6674
01111111010100000111	11900	538184.48	227846.43	6376.92
11011111010100000111	11900	561824.26	216129.33	4662.29
11010111010100000101	9200	507984.74	215659.32	7401.21
11011111010100000101	9900	546896.34	213915.28	5059.61
01011111010100000101	8100	512541.44	215265.26	7203.76
10011111010100001101	10700	545271.52	216915.05	4926.08
00011111010100001101	8900	506700.3	219345.82	7772.95
11011111010100010101	11700	571951.46	210264.74	4240.09
11011111010100100101	10400	551714.74	227006.05	4928.21
10011111010100100101	9500	536720.64	222515.15	5533.56
01111011010100100111	11700	520536.52	244366.94	7113.58
10011011010100100111	10800	526541	226323.59	6444.5
01011111010100100101	8600	517359.84	229079.73	7072.36
01011011010100100111	9900	507974.84	235732.47	7850.86
01110111010100101101	11400	500214.06	249788.22	8631.99
01100111010100101110	11700	478161.78	241906.31	9739.37
01000111010100101110	9900	468241.3	235298.28	10036.45
01011101010100110100	8900	514160.94	212149.46	7212.51
11011101010100110100	10700	548515.84	216154.09	5068.36
00001101010100110100	7100	463586.88	189190.88	11250.52
00111111010100110101	11300	533827.74	220773.77	7146.71
00111111000100100111	10400	519219.14	226620.35	7834.81
01110101010101100100	10200	496789.18	219536.06	8265.47
00111111010101100101	11500	542409.42	219286.28	6661.43
10111101010110000001	10500	547812.48	196462.97	5626.92
10001011000000000000	4300	426486.6	124402.39	12346.9
00001101010110000100	5700	468357.08	180518.05	10567.82
01011111010110000101	9000	546906.88	211739.29	5616.52
10111111010110000101	11700	573138.6	205227.51	4288.9
01001111010110000111	10100	536115.24	215724.39	7008.46
11011100000110000011	9400	555141.32	180007.41	5284.78
01011100000110000011	7600	522463.78	177616.6	7149.37
00011111010110100101	8600	532514.86	215184.46	6793.19
11010111010110100101	10600	545115.62	216036.97	6024.73
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01011111010110100101	9500	551725.28	220269.38	5485.12
01001001010110101101	8900	501654.78	222841.84	8357.87
00101001010110101101	9800	497232.7	221172.78	8557.55
11011100000110000111	9900	567069.32	187080.31	4591.78
01011100000110000111	8100	534391.78	188405.15	6456.37
11111011000110100101	11300	566877.18	214001.9	4540.47
01001111010111001101	11800	567537.54	214809.02	5471.41
01111011000110100111	11500	551294.4	224820.12	5646.6
01001001010111101101	10900	532577.66	224540.35	7505.39
11111101000110000001	10300	559199.02	193212.68	5141.83
11111101011000100100	11800	542751.64	218242.76	5681.06
01111111011000100100	10700	522755.88	227370.98	7020.02

01111101011000100100	10000	508778.7	216081.79	7761.55
10011101011000100100	9100	518219.02	200770.7	6519.83
10011100000110100010	8200	529418.4	183670.01	6188.6
01011100000110100010	7300	511802.76	184939.18	7436.54
11011101011001100100	12000	563312.44	201178.06	5199.26
10011101011001100100	11100	548595.42	196489.32	5758.43
01011110000110000011	8300	535980.7	185753.13	6484.55
11011110000110000011	10100	568658.24	184454.55	4619.96
01011100000110110111	10400	568438.3	189533.59	4809.95
00011100000110110111	9500	550633.32	186294.39	5883.78
10111101011010100100	11800	559862.42	209377.39	5075.93
10011110000110000101	7700	550664.22	184069.47	4929.63
00011110000110000110	7100	513420.82	185882.16	7484.53
11011011010100000101	9200	521130.46	209382.4	6477.59
00000111000010100111	7200	466784.58	191348.8	11140.57
01011101011011100100	11100	564322.82	203861.59	5589.53
01011001011100101100	9900	499513.32	226024.43	8138.78
01000111011100101110	11700	492413.22	232830.84	9236.13
00011110000110100101	6400	513940.26	193846.56	8140.29
10011110000110100111	10200	570410.54	200330.48	4400.91
01011110000110100111	9300	552846.44	204048.95	5640.26
01011011011110000110	11300	546620.76	219845.5	5945.54
11011110000110110101	10900	595738	189235.35	3339
01001011000001101101	8900	495772.66	211177.66	9029.89
11111111000110100001	11500	578959.94	205735.41	4108.01
01011101010100000101	7400	499024.52	204250.69	7868.58
10011101010100000101	8300	518385.32	197371.19	6329.78
11011101010100000101	9200	533379.42	206590.1	5724.43
00111111000110100100	8500	518925.94	211498.52	7772.01
10111111000110100101	11100	574349.44	208833.6	4277.76
00111111000110100101	9300	535557.3	212241.53	7161.45
00111111000110101101	11000	548926.58	221817.16	6422.57
00011111100000100000	6300	478193.34	180409.16	9461.11
01010011100000100100	6300	446185	188754.86	10964.5
110011111000000100111	9700	530084.98	218638.18	6069.17
01001111000000100111	7900	484245.72	212133	10127.38
00001111000000101101	6700	465949.02	208968.33	10681.83
10001111000000101101	8500	513532.24	219226.15	6332.96
01001111100001101101	11300	549646.82	218793.84	6195.53
11001101100010000101	9100	549244.5	181776.61	5934.25
01001101100010000101	7300	513719	180644.47	8273.5
01011011100010001111	11900	559525.34	211326.69	5428.11
00011111010100000100	6400	476292.62	196512.83	9190.23
00011111010100000101	7200	493331.02	203900.29	8511.83
10011111010100000101	9000	531902.24	207211.25	5664.96
01011101101110010100	11700	587222.48	180262.7	4519.92
01011011100100001111	11700	541609.1	231657.04	5850.15
01111111100100001100	11400	540561.3	225649.02	6005.45
00111011100100100111	11400	529997.18	234259.04	6430.47
11011101100100110100	11300	568526.1	206111.95	4520.65

11010001000000100100	5700	431566.62	168555.57	12126.23
01011101100100110100	9500	537608	205400.72	6092
01111101100100110100	11300	547528.48	209395.21	5794.92
00001001110110101101	9700	512525.26	214015.72	7920.79
11111010010110100100	10500	544576.62	218500.26	5309.23
10011101100110000001	9300	558129.6	176822.43	5338.4
11011111100110000100	10600	581818.46	193895.8	4005.59
01111011100110000101	10700	554591.64	206018.5	5603.06
00111011100110000111	11800	556482.42	209616.64	5484.93
10011111100110001001	11700	585015.8	187471.29	3934.7
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00111011100110001101	11500	549453.22	211004.72	6055.13
10011111100110010100	11500	592034.1	179635.59	3765.65
00011111100110010100	9700	557251.04	184534.12	5981.16
01011111100110100101	10100	572350.12	207519.57	4834.98
00011111100110100101	9200	553491.06	204079.58	6084.49
11011111100110100101	11900	603268.22	194847.48	3263.63
01001001100110101101	9500	522279.62	215170.04	7707.73
01011111100111000001	11100	585821.84	185874.7	4924.36
10011111100111000001	12000	602022.92	169432.69	3912.18
1111100010110000100	10000	548247.4	200117.4	5314.1
01001111100111001001	11900	575760.38	195713.81	5593.27
00011111100111100101	11200	583867.46	192135.72	5323.09
10000101000110000001	6000	466435.96	157276.86	10711.34
11010011000000100000	5900	440767.5	166091.81	10885.75
01010011000000100101	5400	429086.2	187814.63	12707.3
11010011000000100101	7200	472453.1	200769.22	9061.15
10010011000000100101	6300	455940.28	184713.55	9919.62
11011111101010000001	12000	596416.3	171210.36	4090.95
01011111101010000001	10200	565498.2	180206.41	5662.3
01011111101010010100	11700	585088.86	180361.4	4887.19
00011111101010010100	10800	566229.8	176315	6136.7
01011101101011000001	11500	582080.6	171971.22	5611.9
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11001111000010101101	10300	558700.24	213636.58	4838.96
10001111000010101101	9400	545230.08	211703.88	5190.32
01001111000010101101	8500	523039.74	215344.71	7200.71
00001111000010101111	9600	526454.46	217956.92	6828.59
01011011110000110110	11900	535821.44	225158.75	6096.76
00011111010101110101	11500	556841.34	203042.96	6256.11
10001101000011100101	9000	548720.28	190964.46	5832.62
01011001101100101100	10500	522805.76	223583.73	7044.04
11001011000100100111	9700	514636.18	222130.38	7343.97
10001011000100100111	8800	497425.44	215283.02	8318.76
00001101110110101101	10400	539017.38	219556.87	6381.77
01011111101110000100	10600	574457.64	198640.3	4879.06
10001010101011100101	11400	576235.18	173015.52	5187.47
01010111000000100000	4800	424874.56	163207.5	12829.24
01011101110000100110	10100	521896.7	217766.49	6349.55
11011101110000110100	11700	560935.72	208530.24	4690.38

01111101110000110100	11700	543911.3	214179.12	5302.45
01011101110000110110	11900	549713.38	213066.88	5069.77
11010111000000100100	7100	481113.86	200681.9	8332.69
01001101110010000101	8400	521299.76	190417.14	7491.04
01011101110010000101	9300	547813.96	194891.73	5569.34
01011111110010000101	10000	561330.88	198453.69	4904.52
00011101110010100100	8100	519419.96	195433.99	6918.34
01011101110010100100	9000	538279.02	206309.63	5668.83
10010011000010100100	6400	467480.2	171867.29	9975.3
01111010000000000000	5000	430440.6	146256.98	12585.9
01011111110100000101	9800	543414.64	217081.7	5326.56
11011111110100000101	11600	570359.54	208417.17	4417.41
10011111110100000101	10700	555365.44	203695.02	5022.76
01001001110100101101	9700	498162.54	230787.57	8067.91
00001001110100101101	8800	480827.42	216984.42	9063.43
01001001110100101111	11700	513885.1	240283.73	7538.15
11000110010100111101	11200	519134.68	231400.08	7295.22
11000010010110100100	7100	467814.94	188191.47	10105.51
01001101110110000101	9100	535081.36	201674.48	6770.44
11011011000000000001	6900	488504.18	172326.8	8562.97
00011011000000000001	4200	420006.36	140004.33	14503.94
01001111110110001001	11000	553241.82	210898.9	5526.03
10111100110010100100	10600	550491.58	195955.11	5410.07
00011011110110100111	11600	552740.9	218766.41	5904.85
01001001110110101100	9800	513075.6	218399.48	7561.4
01001001110110101101	10600	529860.38	223751.95	6925.27
01011001110110101101	11500	553151.74	227587.83	5540.71
01001101110110101101	11300	556352.5	225086.12	5386.25
01001011110110101101	11300	543377.3	229283.94	6260.45
00000100010110000100	3900	414734.64	136549.07	14093.56
11000100010110000100	6600	474213.8	172775.74	9655.7
01000100010110000100	4800	437680.42	159407.56	12162.93
01001111110111000101	11800	578697.6	197824.96	5390.4
01011011000000100000	4800	438678.6	170158.1	11795.9
11011011000000100000	6600	482045.5	186143.95	8149.75
00011011000000100000	3900	416295.38	148741.13	13632.77
11011011000000100100	7100	494917.9	201799.99	7299.35
01011011000000100100	5300	451551	189529.79	10945.5
01011101000000100000	4800	449808.98	166583.09	11229.17
01001011111100100110	11700	517402.52	232132.18	8117.58
11010011000100100100	7100	464979.02	201511.82	9721.83
00010011000100100100	4400	400355.94	165318.47	15017.01
00111111100110001001	11700	560504.58	201058.33	5794.57
01011111000000000000	5000	453661.24	162990.67	11503.46
11011111000000000000	6800	497028.14	177631.98	7857.31
10011111000000000000	5900	480202.36	162869.8	8767.94
01011001111110101000	12000	552107.8	218322.89	5486.7
01001000010110000100	4800	442756.44	158792.6	12584.26
00001000010110000100	3900	418278.44	137487.53	14770.26
00001111000110100101	6600	496203.26	203122.04	9866.79

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01011110100110110101	10800	588163.76	188821.86	4288.04
00011110100110110101	9900	569304.7	185951.55	5537.55
00011110100110110111	11900	590054.54	189039.05	4169.91
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00001111000110101111	10300	537497.78	224512.98	6564.37