

Nombre del trabajo:	CONVERCION DE NUMEROS DECIMALES A BINARIOS		No.	1
Asignatura:	MATEMATICAS DISCRETAS	Carrera:	INGENIERIA EN SISTEMAS COMPUTACIONALES	Salon: 3101

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II. Número de cuenta: 202423976

III. Que esperas de este aprendizaje: Dentro del aprendizaje espero poder comprender y del mismo modo realizar con mayor agilidad la resolución de cada conversión de números decimales a binarios, para que de cierto modo pueda realizar posteriormente las sumas, restas, multiplicaciones y divisiones de números binarios

IV. Evidencia:

Conversión de números decimales a Binario

① 349

$$\begin{array}{rcl} 349/2 & = & 174 \quad 1 \\ 174/2 & = & 87 \quad 0 \\ 87/2 & = & 43 \quad 1 \\ 43/2 & = & 21 \quad 1 \\ 21/2 & = & 10 \quad 1 \\ 10/2 & = & 5 \quad 0 \\ 5/2 & = & 2 \quad 1 \\ 2/2 & = & 1 \quad 0 \\ 1/2 & = & 0 \quad 1 \end{array}$$

256 128 64 32 16 8 4 2 1
1 0 1 0 1 1 1 0 1 = 349

② 357

$$\begin{array}{rcl} 357/2 & = & 178 \quad 1 \\ 178/2 & = & 89 \quad 0 \\ 89/2 & = & 44 \quad 1 \\ 44/2 & = & 22 \quad 0 \\ 22/2 & = & 11 \quad 0 \\ 11/2 & = & 5 \quad 1 \\ 5/2 & = & 2 \quad 1 \\ 2/2 & = & 1 \quad 0 \\ 1/2 & = & 0 \quad 1 \end{array}$$

256 128 64 32 16 8 4 2 1
1 0 1 1 0 0 1 0 1 = 357

③ 497

$$\begin{array}{rcl} 497/2 & = & 248 \quad 1 \\ 248/2 & = & 124 \quad 0 \\ 124/2 & = & 62 \quad 0 \\ 62/2 & = & 31 \quad 0 \\ 31/2 & = & 15 \quad 1 \\ 15/2 & = & 7 \quad 1 \\ 7/2 & = & 3 \quad 1 \\ 3/2 & = & 1 \quad 1 \\ 1/2 & = & 0 \quad 1 \end{array}$$

256 128 64 32 16 8 4 2 1
1 1 1 1 1 0 0 0 1 = 497

④ 65

$$\begin{array}{rcl} 65/2 & = & 32 \quad 1 \\ 32/2 & = & 16 \quad 0 \\ 16/2 & = & 8 \quad 0 \\ 8/2 & = & 4 \quad 0 \\ 4/2 & = & 2 \quad 0 \\ 2/2 & = & 1 \quad 0 \\ 1/2 & = & 0 \quad 1 \end{array}$$

64 32 16 8 4 2 1
1 0 0 0 0 0 1 = 65

⑤ 329

$$\begin{array}{rcl} 329/2 & = & 164 \quad 1 \\ 164/2 & = & 82 \quad 0 \\ 82/2 & = & 41 \quad 0 \\ 41/2 & = & 20 \quad 1 \\ 20/2 & = & 10 \quad 0 \\ 10/2 & = & 5 \quad 0 \\ 5/2 & = & 2 \quad 1 \\ 2/2 & = & 1 \quad 0 \\ 1/2 & = & 0 \quad 1 \end{array}$$

256 128 64 32 16 8 4 2 1
1 0 1 0 0 1 0 0 1 = 329

⑥ 417

$$\begin{array}{rcl} 417/2 & = & 208 \quad 1 \\ 208/2 & = & 104 \quad 0 \\ 104/2 & = & 52 \quad 0 \\ 52/2 & = & 26 \quad 0 \\ 26/2 & = & 13 \quad 0 \\ 13/2 & = & 6 \quad 1 \\ 6/2 & = & 3 \quad 0 \\ 3/2 & = & 1 \quad 1 \\ 1/2 & = & 0 \quad 1 \end{array}$$

256 128 64 32 16 8 4 2 1
1 1 0 1 0 0 0 0 1 = 417

⑦ 281

$$\begin{array}{rcl} 281/2 & = & 140 \quad 1 \\ 140/2 & = & 70 \quad 0 \\ 70/2 & = & 35 \quad 0 \\ 35/2 & = & 17 \quad 1 \\ 17/2 & = & 8 \quad 1 \\ 8/2 & = & 4 \quad 0 \\ 4/2 & = & 2 \quad 0 \\ 2/2 & = & 1 \quad 0 \\ 1/2 & = & 0 \quad 1 \end{array}$$

256 128 64 32 16 8 4 2 1
1 0 0 0 1 1 0 0 1 = 281

⑧ 361

$$\begin{array}{rcl} 361/2 & = & 180 \quad 1 \\ 180/2 & = & 90 \quad 0 \\ 90/2 & = & 45 \quad 0 \\ 45/2 & = & 22 \quad 1 \\ 22/2 & = & 11 \quad 0 \\ 11/2 & = & 5 \quad 1 \\ 5/2 & = & 2 \quad 1 \\ 2/2 & = & 1 \quad 0 \\ 1/2 & = & 0 \quad 1 \end{array}$$

256 128 64 32 16 8 4 2 1
1 0 1 1 0 1 0 0 1 = 361

⑨ 5

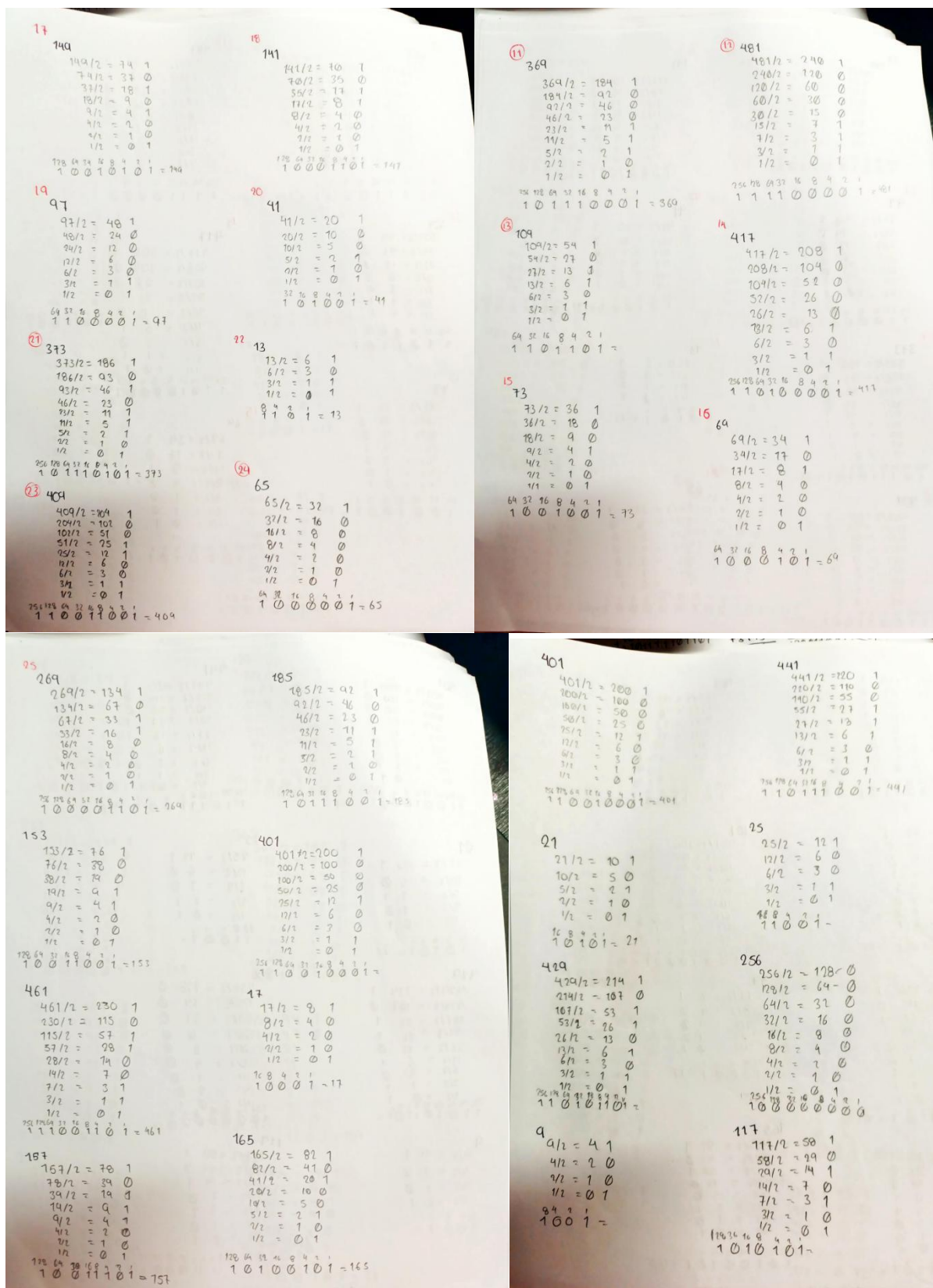
$$\begin{array}{rcl} 5/2 & = & 2 \quad 1 \\ 2/2 & = & 1 \quad 0 \\ 1/2 & = & 0 \quad 1 \end{array}$$

4 2 1
1 0 1 = 5

⑩ 73

$$\begin{array}{rcl} 73/2 & = & 36 \quad 1 \\ 36/2 & = & 18 \quad 0 \\ 18/2 & = & 9 \quad 0 \\ 9/2 & = & 4 \quad 1 \\ 4/2 & = & 2 \quad 0 \\ 2/2 & = & 1 \quad 0 \\ 1/2 & = & 0 \quad 1 \end{array}$$

64 32 16 8 4 2 1
1 0 0 1 0 0 1 = 73





69

$69/2 = 34 \ 1$
 $34/2 = 17 \ 0$
 $17/2 = 8 \ 1$
 $8/2 = 4 \ 0$
 $4/2 = 2 \ 0$
 $2/2 = 1 \ 0$
 $1/2 = 0 \ 1$

1000101-69

261

$261/2 = 130 \ 1$
 $130/2 = 65 \ 0$
 $65/2 = 32 \ 1$
 $32/2 = 16 \ 0$
 $16/2 = 8 \ 0$
 $8/2 = 4 \ 0$
 $4/2 = 2 \ 0$
 $2/2 = 1 \ 0$
 $1/2 = 0 \ 1$

10000001-261

389

$389/2 = 194 \ 1$
 $194/2 = 97 \ 0$
 $97/2 = 48 \ 1$
 $48/2 = 24 \ 0$
 $24/2 = 12 \ 0$
 $12/2 = 6 \ 0$
 $6/2 = 3 \ 1$
 $3/2 = 1 \ 1$
 $1/2 = 0 \ 1$

101110001

227

$227/2 = 113 \ 1$
 $113/2 = 56 \ 1$
 $56/2 = 28 \ 0$
 $28/2 = 14 \ 0$
 $14/2 = 7 \ 0$
 $7/2 = 3 \ 1$
 $3/2 = 1 \ 1$
 $1/2 = 0 \ 1$

11100011=

129

$129/2 = 64 \ 1$
 $64/2 = 32 \ 0$
 $32/2 = 16 \ 0$
 $16/2 = 8 \ 0$
 $8/2 = 4 \ 0$
 $4/2 = 2 \ 0$
 $2/2 = 1 \ 0$
 $1/2 = 0 \ 1$

10000001-129

365

$365/2 = 182 \ 1$
 $182/2 = 91 \ 0$
 $91/2 = 45 \ 1$
 $45/2 = 22 \ 1$
 $22/2 = 11 \ 0$
 $11/2 = 5 \ 1$
 $5/2 = 2 \ 1$
 $2/2 = 1 \ 0$
 $1/2 = 0 \ 1$

101101101=

541

$541/2 = 270 \ 1$
 $270/2 = 135 \ 0$
 $135/2 = 67 \ 1$
 $67/2 = 33 \ 1$
 $33/2 = 16 \ 1$
 $16/2 = 8 \ 0$
 $8/2 = 4 \ 0$
 $4/2 = 2 \ 0$
 $2/2 = 1 \ 0$
 $1/2 = 0 \ 1$

101010101=341

745

$745/2 = 372 \ 1$
 $372/2 = 186 \ 0$
 $186/2 = 93 \ 0$
 $93/2 = 46 \ 1$
 $46/2 = 23 \ 0$
 $23/2 = 11 \ 1$
 $11/2 = 5 \ 1$
 $5/2 = 2 \ 1$
 $2/2 = 1 \ 0$
 $1/2 = 0 \ 1$

10010001=745

333

$333/2 = 166 \ 1$
 $166/2 = 83 \ 0$
 $83/2 = 41 \ 1$
 $41/2 = 20 \ 1$
 $20/2 = 10 \ 0$
 $10/2 = 5 \ 0$
 $5/2 = 2 \ 1$
 $2/2 = 1 \ 0$
 $1/2 = 0 \ 1$

101001101=333

761

$761/2 = 380 \ 1$
 $380/2 = 190 \ 0$
 $190/2 = 95 \ 0$
 $95/2 = 47 \ 1$
 $47/2 = 23 \ 1$
 $23/2 = 11 \ 1$
 $11/2 = 5 \ 1$
 $5/2 = 2 \ 1$
 $2/2 = 1 \ 0$
 $1/2 = 0 \ 1$

10110101=761

105

$105/2 = 52 \ 1$
 $52/2 = 26 \ 0$
 $26/2 = 13 \ 0$
 $13/2 = 6 \ 1$
 $6/2 = 3 \ 0$
 $3/2 = 1 \ 1$
 $1/2 = 0 \ 1$

1101001=105

765

$765/2 = 382 \ 1$
 $382/2 = 191 \ 0$
 $191/2 = 95 \ 1$
 $95/2 = 47 \ 1$
 $47/2 = 23 \ 1$
 $23/2 = 11 \ 1$
 $11/2 = 5 \ 1$
 $5/2 = 2 \ 1$
 $2/2 = 1 \ 0$
 $1/2 = 0 \ 1$

10110101=765

269

$269/2 = 134 \ 1$
 $134/2 = 67 \ 0$
 $67/2 = 33 \ 1$
 $33/2 = 16 \ 1$
 $16/2 = 8 \ 0$
 $8/2 = 4 \ 0$
 $4/2 = 2 \ 0$
 $2/2 = 1 \ 0$
 $1/2 = 0 \ 1$

10000001-269

13

$13/2 = 6 \ 1$
 $6/2 = 3 \ 0$
 $3/2 = 1 \ 1$
 $1/2 = 0 \ 1$

1101=13

29

$29/2 = 14 \ 1$
 $14/2 = 7 \ 0$
 $7/2 = 3 \ 1$
 $3/2 = 1 \ 1$
 $1/2 = 0 \ 1$

111101=29

269

$269/2 = 134 \ 1$
 $134/2 = 67 \ 0$
 $67/2 = 33 \ 1$
 $33/2 = 16 \ 1$
 $16/2 = 8 \ 0$
 $8/2 = 4 \ 0$
 $4/2 = 2 \ 0$
 $2/2 = 1 \ 0$
 $1/2 = 0 \ 1$

10000001-269

213

$213/2 = 106 \ 1$
 $106/2 = 53 \ 0$
 $53/2 = 26 \ 1$
 $26/2 = 13 \ 0$
 $13/2 = 6 \ 1$
 $6/2 = 3 \ 0$
 $3/2 = 1 \ 1$
 $1/2 = 0 \ 1$

11010101=213

533

$533/2 = 266 \ 1$
 $266/2 = 133 \ 0$
 $133/2 = 66 \ 1$
 $66/2 = 33 \ 0$
 $33/2 = 16 \ 1$
 $16/2 = 8 \ 0$
 $8/2 = 4 \ 0$
 $4/2 = 2 \ 0$
 $2/2 = 1 \ 0$
 $1/2 = 0 \ 1$

11101001=533

765

$765/2 = 382 \ 1$
 $382/2 = 191 \ 0$
 $191/2 = 95 \ 1$
 $95/2 = 47 \ 1$
 $47/2 = 23 \ 1$
 $23/2 = 11 \ 1$
 $11/2 = 5 \ 1$
 $5/2 = 2 \ 1$
 $2/2 = 1 \ 0$
 $1/2 = 0 \ 1$

10110101=765

445

$445/2 = 222 \ 1$
 $222/2 = 111 \ 0$
 $111/2 = 55 \ 1$
 $55/2 = 27 \ 1$
 $27/2 = 13 \ 1$
 $13/2 = 6 \ 1$
 $6/2 = 3 \ 1$
 $3/2 = 1 \ 1$
 $1/2$



<p>133</p> <p>$133/2 = 66 \ 1$ $66/2 = 33 \ 0$ $33/2 = 16 \ 1$ $16/2 = 8 \ 0$ $8/2 = 4 \ 0$ $4/2 = 2 \ 0$ $2/2 = 1 \ 0$ $1/2 = 0 \ 1$</p> <p>$1 \ 0 \ 0 \ 0 \ 1 \ 0 \ 1 = 133$</p> <p>305</p> <p>$305/2 = 152 \ 1$ $152/2 = 76 \ 0$ $76/2 = 38 \ 0$ $38/2 = 19 \ 0$ $19/2 = 9 \ 1$ $9/2 = 4 \ 1$ $4/2 = 2 \ 0$ $2/2 = 1 \ 0$ $1/2 = 0 \ 1$</p> <p>$1 \ 0 \ 0 \ 1 \ 1 \ 0 \ 0 \ 1 = 305$</p> <p>21</p> <p>$21/2 = 10 \ 1$ $10/2 = 5 \ 0$ $5/2 = 2 \ 1$ $2/2 = 1 \ 0$ $1/2 = 0 \ 1$</p> <p>$1 \ 0 \ 1 \ 0 \ 1 = 21$</p> <p>177</p> <p>$177/2 = 88 \ 1$ $88/2 = 44 \ 0$ $44/2 = 22 \ 0$ $22/2 = 11 \ 0$ $11/2 = 5 \ 1$ $5/2 = 2 \ 1$ $2/2 = 1 \ 0$ $1/2 = 0 \ 1$</p> <p>$1 \ 0 \ 1 \ 1 \ 0 \ 0 \ 1 = 177$</p>	<p>29</p> <p>$29/2 = 14 \ 1$ $14/2 = 7 \ 0$ $7/2 = 3 \ 1$ $3/2 = 1 \ 1$ $1/2 = 0 \ 1$</p> <p>$1 \ 1 \ 1 \ 0 \ 1 = 29$</p> <p>349</p> <p>$349/2 = 174 \ 1$ $174/2 = 87 \ 0$ $87/2 = 43 \ 1$ $43/2 = 21 \ 1$ $21/2 = 10 \ 1$ $10/2 = 5 \ 0$ $5/2 = 2 \ 1$ $2/2 = 1 \ 0$ $1/2 = 0 \ 1$</p> <p>$1 \ 0 \ 1 \ 0 \ 1 \ 1 \ 1 \ 0 \ 1 = 349$</p> <p>257</p> <p>$257/2 = 128 \ 1$ $128/2 = 64 \ 0$ $64/2 = 32 \ 0$ $32/2 = 16 \ 0$ $16/2 = 8 \ 0$ $8/2 = 4 \ 0$ $4/2 = 2 \ 0$ $2/2 = 1 \ 0$ $1/2 = 0 \ 1$</p> <p>$1 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 1 = 257$</p> <p>69</p> <p>$69/2 = 34 \ 1$ $34/2 = 17 \ 0$ $17/2 = 8 \ 1$ $8/2 = 4 \ 0$ $4/2 = 2 \ 0$ $2/2 = 1 \ 0$ $1/2 = 0 \ 1$</p> <p>$1 \ 0 \ 0 \ 0 \ 1 \ 0 \ 1 = 69$</p>	<p>153</p> <p>$153/2 = 76 \ 1$ $76/2 = 38 \ 0$ $38/2 = 19 \ 0$ $19/2 = 9 \ 1$ $9/2 = 4 \ 1$ $4/2 = 2 \ 0$ $2/2 = 1 \ 0$ $1/2 = 0 \ 1$</p> <p>$1 \ 0 \ 0 \ 1 \ 1 \ 0 \ 0 \ 1 = 153$</p> <p>353</p> <p>$353/2 = 176 \ 1$ $176/2 = 88 \ 0$ $88/2 = 44 \ 0$ $44/2 = 22 \ 0$ $22/2 = 11 \ 0$ $11/2 = 5 \ 1$ $5/2 = 2 \ 1$ $2/2 = 1 \ 0$ $1/2 = 0 \ 1$</p> <p>$1 \ 0 \ 1 \ 1 \ 0 \ 0 \ 0 \ 1 = 353$</p> <p>289</p> <p>$289/2 = 144 \ 1$ $144/2 = 72 \ 0$ $72/2 = 36 \ 0$ $36/2 = 18 \ 0$ $18/2 = 9 \ 0$ $9/2 = 4 \ 1$ $4/2 = 2 \ 0$ $2/2 = 1 \ 0$ $1/2 = 0 \ 1$</p> <p>$1 \ 0 \ 1 \ 0 \ 0 \ 0 \ 0 \ 1 = 289$</p> <p>17</p> <p>$17/2 = 8 \ 1$ $8/2 = 4 \ 0$ $4/2 = 2 \ 0$ $2/2 = 1 \ 0$ $1/2 = 0 \ 1$</p> <p>$1 \ 0 \ 0 \ 0 \ 1 = 17$</p>	<p>485</p> <p>$485/2 = 242 \ 1$ $242/2 = 121 \ 0$ $121/2 = 60 \ 1$ $60/2 = 30 \ 0$ $30/2 = 15 \ 0$ $15/2 = 7 \ 1$ $7/2 = 3 \ 1$ $3/2 = 1 \ 1$ $1/2 = 0 \ 1$</p> <p>$1 \ 1 \ 1 \ 1 \ 0 \ 0 \ 1 \ 0 \ 1 = 485$</p> <p>389</p> <p>$389/2 = 194 \ 1$ $194/2 = 97 \ 0$ $97/2 = 48 \ 1$ $48/2 = 24 \ 0$ $24/2 = 12 \ 0$ $12/2 = 6 \ 0$ $6/2 = 3 \ 0$ $3/2 = 1 \ 1$ $1/2 = 0 \ 1$</p> <p>$1 \ 1 \ 0 \ 0 \ 0 \ 0 \ 1 \ 0 \ 1$</p> <p>169</p> <p>$169/2 = 84 \ 1$ $84/2 = 42 \ 0$ $42/2 = 21 \ 0$ $21/2 = 10 \ 1$ $10/2 = 5 \ 1$ $5/2 = 2 \ 1$ $2/2 = 1 \ 0$ $1/2 = 0 \ 1$</p> <p>$1 \ 0 \ 1 \ 1 \ 1 \ 0 \ 0 \ 1$</p>
<p>489</p> <p>$489/2 = 244 \ 1$ $244/2 = 122 \ 0$ $122/2 = 61 \ 0$ $61/2 = 30 \ 1$ $30/2 = 15 \ 0$ $15/2 = 7 \ 1$ $7/2 = 3 \ 1$ $3/2 = 1 \ 1$ $1/2 = 0 \ 1$</p> <p>$1 \ 1 \ 1 \ 1 \ 0 \ 1 \ 0 \ 0 \ 1 = 489$</p> <p>257</p> <p>$257/2 = 128 \ 1$ $128/2 = 64 \ 0$ $64/2 = 32 \ 0$ $32/2 = 16 \ 0$ $16/2 = 8 \ 0$ $8/2 = 4 \ 0$ $4/2 = 2 \ 0$ $2/2 = 1 \ 0$ $1/2 = 0 \ 1$</p> <p>$1 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 1 = 257$</p> <p>185</p> <p>$185/2 = 92 \ 1$ $92/2 = 46 \ 0$ $46/2 = 23 \ 0$ $23/2 = 11 \ 1$ $11/2 = 5 \ 1$ $5/2 = 2 \ 1$ $2/2 = 1 \ 0$ $1/2 = 0 \ 1$</p> <p>$1 \ 0 \ 1 \ 1 \ 1 \ 0 \ 0 \ 1$</p>	<p>25</p> <p>$25/2 = 12 \ 1$ $12/2 = 6 \ 0$ $6/2 = 3 \ 0$ $3/2 = 1 \ 1$ $1/2 = 0 \ 1$</p> <p>$1 \ 1 \ 0 \ 0 \ 1 = 25$</p> <p>417</p> <p>$417/2 = 208 \ 1$ $208/2 = 104 \ 0$ $104/2 = 52 \ 0$ $52/2 = 26 \ 0$ $26/2 = 13 \ 0$ $13/2 = 6 \ 1$ $6/2 = 3 \ 0$ $3/2 = 1 \ 1$ $1/2 = 0 \ 1$</p> <p>$1 \ 1 \ 0 \ 1 \ 0 \ 0 \ 0 \ 0 \ 1 = 417$</p> <p>37</p> <p>$37/2 = 18 \ 1$ $18/2 = 9 \ 0$ $9/2 = 4 \ 1$ $4/2 = 2 \ 0$ $2/2 = 1 \ 0$ $1/2 = 0 \ 1$</p> <p>$1 \ 0 \ 0 \ 1 \ 0 \ 1 = 37$</p>	<p>61</p> <p>$61/2 = 30 \ 1$ $30/2 = 15 \ 0$ $15/2 = 7 \ 1$ $7/2 = 3 \ 1$ $3/2 = 1 \ 1$ $1/2 = 0 \ 1$</p> <p>$1 \ 1 \ 1 \ 1 \ 0 \ 1 = 61$</p> <p>297</p> <p>$297/2 = 148 \ 1$ $148/2 = 74 \ 0$ $74/2 = 37 \ 0$ $37/2 = 18 \ 1$ $18/2 = 9 \ 0$ $9/2 = 4 \ 1$ $4/2 = 2 \ 0$ $2/2 = 1 \ 0$ $1/2 = 0 \ 1$</p> <p>$1 \ 0 \ 0 \ 1 \ 0 \ 1 \ 0 \ 0 \ 1 = 297$</p> <p>313</p> <p>$313/2 = 156 \ 1$ $156/2 = 78 \ 0$ $78/2 = 39 \ 0$ $39/2 = 19 \ 1$ $19/2 = 9 \ 1$ $9/2 = 4 \ 1$ $4/2 = 2 \ 0$ $2/2 = 1 \ 0$ $1/2 = 0 \ 1$</p> <p>$1 \ 0 \ 0 \ 1 \ 1 \ 1 \ 0 \ 0 \ 1 = 313$</p> <p>373</p> <p>$373/2 = 186 \ 1$ $186/2 = 93 \ 0$ $93/2 = 46 \ 1$ $46/2 = 23 \ 0$ $23/2 = 11 \ 1$ $11/2 = 5 \ 1$ $5/2 = 2 \ 1$ $2/2 = 1 \ 0$ $1/2 = 0 \ 1$</p> <p>$1 \ 0 \ 1 \ 1 \ 1 \ 0 \ 1 \ 0 \ 1 = 373$</p>	<p>61</p> <p>$61/2 = 30 \ 1$ $30/2 = 15 \ 0$ $15/2 = 7 \ 1$ $7/2 = 3 \ 1$ $3/2 = 1 \ 1$ $1/2 = 0 \ 1$</p> <p>$1 \ 1 \ 1 \ 1 \ 0 \ 1 = 61$</p> <p>157</p> <p>$157/2 = 78 \ 1$ $78/2 = 39 \ 0$ $39/2 = 19 \ 1$ $19/2 = 9 \ 1$ $9/2 = 4 \ 1$ $4/2 = 2 \ 0$ $2/2 = 1 \ 0$ $1/2 = 0 \ 1$</p> <p>$1 \ 0 \ 0 \ 1 \ 1 \ 1 \ 0 \ 1 = 157$</p>



<p>213</p> <p>213/2 = 106 1</p> <p>106/2 = 53 0</p> <p>53/2 = 26 1</p> <p>26/2 = 13 0</p> <p>13/2 = 6 1</p> <p>6/2 = 3 0</p> <p>3/2 = 1 1</p> <p>1/2 = 0 1</p> <p>1 1 0 1 0 1 0 1 = 213</p>	<p>149</p> <p>149/2 = 74 1</p> <p>74/2 = 37 0</p> <p>37/2 = 18 1</p> <p>18/2 = 9 0</p> <p>9/2 = 4 1</p> <p>4/2 = 2 0</p> <p>2/2 = 1 0</p> <p>1/2 = 0 1</p> <p>1 0 0 1 0 1 0 1 = 149</p>
<p>445</p> <p>445/2 = 222 1</p> <p>222/2 = 111 0</p> <p>111/2 = 55 1</p> <p>55/2 = 27 1</p> <p>27/2 = 13 1</p> <p>13/2 = 6 1</p> <p>6/2 = 3 0</p> <p>3/2 = 1 1</p> <p>1/2 = 0 1</p> <p>1 1 0 1 1 1 1 0 = 445</p>	<p>113</p> <p>113/2 = 56 1</p> <p>56/2 = 28 0</p> <p>28/2 = 14 0</p> <p>14/2 = 7 0</p> <p>7/2 = 3 1</p> <p>3/2 = 1 1</p> <p>1/2 = 0 1</p> <p>1 0 1 0 1 1 0 1 = 113</p>
<p>137</p> <p>137/2 = 68 1</p> <p>68/2 = 34 0</p> <p>34/2 = 17 0</p> <p>17/2 = 8 1</p> <p>8/2 = 4 0</p> <p>4/2 = 2 0</p> <p>2/2 = 1 0</p> <p>1/2 = 0 1</p> <p>1 0 0 0 1 0 0 1 = 137</p>	<p>41</p> <p>41/2 = 20 1</p> <p>20/2 = 10 0</p> <p>10/2 = 5 0</p> <p>5/2 = 2 1</p> <p>2/2 = 1 0</p> <p>1/2 = 0 1</p> <p>1 0 0 1 0 0 1 = 41</p>
<p>321</p> <p>321/2 = 160 1</p> <p>160/2 = 80 0</p> <p>80/2 = 40 0</p> <p>40/2 = 20 0</p> <p>20/2 = 10 0</p> <p>10/2 = 5 0</p> <p>5/2 = 2 1</p> <p>2/2 = 1 0</p> <p>1/2 = 0 1</p> <p>1 0 1 0 0 0 0 1 = 321</p>	<p>125</p> <p>125/2 = 62 1</p> <p>62/2 = 31 0</p> <p>31/2 = 15 1</p> <p>15/2 = 7 1</p> <p>7/2 = 3 1</p> <p>3/2 = 1 1</p> <p>1/2 = 0 1</p> <p>1 1 1 1 1 0 1 = 125</p>

<p>429</p> <p>429/2 = 214 1</p> <p>214/2 = 107 0</p> <p>107/2 = 53 1</p> <p>53/2 = 26 1</p> <p>26/2 = 13 0</p> <p>13/2 = 6 1</p> <p>6/2 = 3 0</p> <p>3/2 = 1 1</p> <p>1/2 = 0 1</p> <p>1 1 0 1 0 1 1 0 = 429</p>	<p>397</p> <p>397/2 = 198 1</p> <p>198/2 = 99 0</p> <p>99/2 = 49 1</p> <p>49/2 = 24 1</p> <p>24/2 = 12 0</p> <p>12/2 = 6 0</p> <p>6/2 = 3 0</p> <p>3/2 = 1 1</p> <p>1/2 = 0 1</p> <p>1 1 0 0 0 1 1 0 = 397</p>
<p>257</p> <p>257/2 = 128 1</p> <p>128/2 = 64 0</p> <p>64/2 = 32 0</p> <p>32/2 = 16 0</p> <p>16/2 = 8 0</p> <p>8/2 = 4 0</p> <p>4/2 = 2 0</p> <p>2/2 = 1 0</p> <p>1/2 = 0 1</p> <p>1 0 0 0 0 0 0 1 = 257</p>	<p>265</p> <p>265/2 = 132 1</p> <p>132/2 = 66 0</p> <p>66/2 = 33 0</p> <p>33/2 = 16 1</p> <p>16/2 = 8 0</p> <p>8/2 = 4 0</p> <p>4/2 = 2 0</p> <p>2/2 = 1 0</p> <p>1/2 = 0 1</p> <p>1 0 0 0 1 0 0 1 = 265</p>
<p>341</p> <p>341/2 = 170 1</p> <p>170/2 = 85 0</p> <p>85/2 = 42 1</p> <p>42/2 = 21 0</p> <p>21/2 = 10 1</p> <p>10/2 = 5 0</p> <p>5/2 = 2 1</p> <p>2/2 = 1 0</p> <p>1/2 = 0 1</p> <p>1 0 1 0 1 0 1 0 = 341</p>	<p>425</p> <p>425/2 = 212 1</p> <p>212/2 = 106 0</p> <p>106/2 = 53 0</p> <p>53/2 = 26 1</p> <p>26/2 = 13 0</p> <p>13/2 = 6 1</p> <p>6/2 = 3 0</p> <p>3/2 = 1 1</p> <p>1/2 = 0 1</p> <p>1 1 0 1 0 1 0 0 = 425</p>

<p>165</p> <p>165/2 = 82 1</p> <p>82/2 = 41 0</p> <p>41/2 = 20 1</p> <p>20/2 = 10 0</p> <p>10/2 = 5 0</p> <p>5/2 = 2 1</p> <p>2/2 = 1 0</p> <p>1/2 = 0 1</p> <p>1 0 1 0 0 1 0 1 = 165</p>	<p>293</p> <p>293/2 = 146 1</p> <p>146/2 = 73 0</p> <p>73/2 = 36 1</p> <p>36/2 = 18 0</p> <p>18/2 = 9 0</p> <p>9/2 = 4 1</p> <p>4/2 = 2 0</p> <p>2/2 = 1 0</p> <p>1/2 = 0 1</p> <p>1 0 0 1 0 0 1 0 = 293</p>
<p>137</p> <p>137/2 = 68 1</p> <p>68/2 = 34 0</p> <p>34/2 = 17 0</p> <p>17/2 = 8 1</p> <p>8/2 = 4 0</p> <p>4/2 = 2 0</p> <p>2/2 = 1 0</p> <p>1/2 = 0 1</p> <p>1 0 0 0 1 0 0 1 = 137</p>	<p>181</p> <p>181/2 = 90 1</p> <p>90/2 = 45 0</p> <p>45/2 = 22 1</p> <p>22/2 = 11 0</p> <p>11/2 = 5 1</p> <p>5/2 = 2 1</p> <p>2/2 = 1 0</p> <p>1/2 = 0 1</p> <p>1 0 1 1 0 0 1 = 181</p>
<p>489</p> <p>489/2 = 244 1</p> <p>244/2 = 122 0</p> <p>122/2 = 61 0</p> <p>61/2 = 30 1</p> <p>30/2 = 15 0</p> <p>15/2 = 7 1</p> <p>7/2 = 3 1</p> <p>3/2 = 1 1</p> <p>1/2 = 0 1</p> <p>1 1 1 0 1 0 0 1 = 489</p>	<p>113</p> <p>113/2 = 56 1</p> <p>56/2 = 28 0</p> <p>28/2 = 14 0</p> <p>14/2 = 7 0</p> <p>7/2 = 3 1</p> <p>3/2 = 1 1</p> <p>1/2 = 0 1</p> <p>1 1 1 0 0 0 1 = 113</p>
<p>53</p> <p>53/2 = 26 1</p> <p>26/2 = 13 0</p> <p>13/2 = 6 1</p> <p>6/2 = 3 0</p> <p>3/2 = 1 1</p> <p>1/2 = 0 1</p> <p>1 1 0 1 0 1 = 53</p>	<p>193</p> <p>193/2 = 96 1</p> <p>96/2 = 48 0</p> <p>48/2 = 24 0</p> <p>24/2 = 12 0</p> <p>12/2 = 6 0</p> <p>6/2 = 3 0</p> <p>3/2 = 1 1</p> <p>1/2 = 0 1</p> <p>1 1 0 0 0 0 0 1 = 193</p>

<p>77</p> <p>77/2 = 38 1</p> <p>38/2 = 19 0</p> <p>19/2 = 9 1</p> <p>9/2 = 4 1</p> <p>4/2 = 2 0</p> <p>2/2 = 1 0</p> <p>1/2 = 0 1</p> <p>1 0 0 1 1 0 1 = 77</p>	<p>89</p> <p>89/2 = 44 1</p> <p>44/2 = 22 0</p> <p>22/2 = 11 0</p> <p>11/2 = 5 1</p> <p>5/2 = 2 1</p> <p>2/2 = 1 0</p> <p>1/2 = 0 1</p> <p>1 0 1 1 0 0 1 = 89</p>
<p>33</p> <p>33/2 = 16 1</p> <p>16/2 = 8 0</p> <p>8/2 = 4 0</p> <p>4/2 = 2 0</p> <p>2/2 = 1 0</p> <p>1/2 = 0 1</p> <p>1 0 0 0 0 1 = 33</p>	<p>289</p> <p>289/2 = 144 1</p> <p>144/2 = 72 0</p> <p>72/2 = 36 0</p> <p>36/2 = 18 0</p> <p>18/2 = 9 0</p> <p>9/2 = 4 1</p> <p>4/2 = 2 0</p> <p>2/2 = 1 0</p> <p>1/2 = 0 1</p> <p>1 0 0 1 0 0 0 1 = 289</p>
<p>205</p> <p>205/2 = 102 1</p> <p>102/2 = 51 0</p> <p>51/2 = 25 1</p> <p>25/2 = 12 1</p> <p>12/2 = 6 0</p> <p>6/2 = 3 0</p> <p>3/2 = 1 1</p> <p>1/2 = 0 1</p> <p>1 1 0 0 1 1 0 1 = 205</p>	<p>381</p> <p>381/2 = 190 1</p> <p>190/2 = 95 0</p> <p>95/2 = 47 1</p> <p>47/2 = 23 1</p> <p>23/2 = 11 1</p> <p>11/2 = 5 1</p> <p>5/2 = 2 1</p> <p>2/2 = 1 0</p> <p>1/2 = 0 1</p> <p>1 0 1 1 1 1 0 1 = 381</p>
<p>5</p> <p>5/2 = 2 1</p> <p>2/2 = 1 0</p> <p>1/2 = 0 1</p> <p>1 0 1 = 5</p>	<p>237</p> <p>237/2 = 118 1</p> <p>118/2 = 59 0</p> <p>59/2 = 29 1</p> <p>29/2 = 14 1</p> <p>14/2 = 7 0</p> <p>7/2 = 3 1</p> <p>3/2 = 1 1</p> <p>1/2 = 0 1</p> <p>1 1 1 0 1 1 0 1 = 237</p>
<p>413</p> <p>413/2 = 206 1</p> <p>206/2 = 103 0</p> <p>103/2 = 51 1</p> <p>51/2 = 25 1</p> <p>25/2 = 12 1</p> <p>12/2 = 6 0</p> <p>6/2 = 3 0</p> <p>3/2 = 1 1</p> <p>1/2 = 0 1</p> <p>1 1 0 0 1 1 1 0 = 413</p>	



<p>305 505/2 = 152 1 152/2 = 76 0 76/2 = 38 0 38/2 = 19 0 19/2 = 9 1 9/2 = 4 1 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 10 0 1 1 0 0 1 = 305</p> <p>153 153/2 = 76 1 76/2 = 38 0 38/2 = 19 0 19/2 = 9 1 9/2 = 4 1 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 10 0 1 1 0 0 1 = 153</p> <p>149 149/2 = 74 1 74/2 = 37 0 37/2 = 18 1 18/2 = 9 0 9/2 = 4 1 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 10 0 1 0 1 0 1 = 149</p> <p>145 145/2 = 72 1 72/2 = 36 0 36/2 = 18 0 18/2 = 9 0 9/2 = 4 1 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 10 0 1 0 0 0 1 = 145</p>	<p>393 393/2 = 196 1 196/2 = 98 0 98/2 = 49 0 49/2 = 24 1 24/2 = 12 0 12/2 = 6 0 6/2 = 3 0 3/2 = 1 1 1/2 = 0 1 11 0 0 1 1 0 0 1 = 393</p> <p>57 57/2 = 28 1 28/2 = 14 0 14/2 = 7 0 7/2 = 3 1 3/2 = 1 1 1/2 = 0 1 11 1 0 0 1 = 57</p> <p>285 285/2 = 142 1 142/2 = 71 0 71/2 = 35 1 35/2 = 17 1 17/2 = 8 1 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 10 0 0 1 1 1 0 1 = 285</p> <p>257 257/2 = 128 1 128/2 = 64 0 64/2 = 32 0 32/2 = 16 0 16/2 = 8 0 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 10 0 0 0 0 0 0 1 = 257</p> <p>117 117/2 = 58 1 58/2 = 29 0 29/2 = 14 1 14/2 = 7 0 7/2 = 3 1 3/2 = 1 1 1/2 = 0 1 11 1 0 1 0 1 = 117</p> <p>101 101/2 = 50 1 50/2 = 25 0 25/2 = 12 1 12/2 = 6 0 6/2 = 3 0 3/2 = 1 1 1/2 = 0 1 11 0 0 1 0 1 = 101</p> <p>417 417/2 = 208 1 208/2 = 104 0 104/2 = 52 0 52/2 = 26 0 26/2 = 13 0 13/2 = 6 1 6/2 = 3 0 3/2 = 1 1 1/2 = 0 1 11 0 1 0 0 0 0 1 = 417</p>	<p>61 61/2 = 30 1 30/2 = 15 0 15/2 = 7 1 7/2 = 3 1 3/2 = 1 1 1/2 = 0 1 11 1 1 0 1 = 61</p> <p>357 357/2 = 178 1 178/2 = 89 0 89/2 = 44 1 44/2 = 22 0 22/2 = 11 0 11/2 = 5 1 5/2 = 2 1 2/2 = 1 0 1/2 = 0 1 10 1 1 0 0 1 0 1 = 357</p> <p>153 153/2 = 76 1 76/2 = 38 0 38/2 = 19 0 19/2 = 9 1 9/2 = 4 1 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 10 0 1 1 0 0 1 = 153</p> <p>41 41/2 = 20 1 20/2 = 10 0 10/2 = 5 0 5/2 = 2 1 2/2 = 1 0 1/2 = 0 1 10 1 0 0 1 = 41</p> <p>345 345/2 = 172 1 172/2 = 86 0 86/2 = 43 0 43/2 = 21 1 21/2 = 10 1 10/2 = 5 0 5/2 = 2 1 2/2 = 1 0 1/2 = 0 1 10 1 0 1 1 0 0 1 = 345</p> <p>225 225/2 = 112 1 112/2 = 56 0 56/2 = 28 0 28/2 = 14 0 14/2 = 7 0 7/2 = 3 1 3/2 = 1 1 1/2 = 0 1 11 1 0 0 0 0 1 = 225</p> <p>317 317/2 = 158 1 158/2 = 79 0 79/2 = 39 1 39/2 = 19 1 19/2 = 9 1 9/2 = 4 1 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 10 0 1 1 1 0 1 = 317</p> <p>161 161/2 = 80 1 80/2 = 40 0 40/2 = 20 0 20/2 = 10 0 10/2 = 5 0 5/2 = 2 1 2/2 = 1 0 1/2 = 0 1 10 1 0 0 0 0 1 = 161</p> <p>213 213/2 = 106 1 106/2 = 53 0 53/2 = 26 1 26/2 = 13 0 13/2 = 6 1 6/2 = 3 0 3/2 = 1 1 1/2 = 0 1 11 0 1 0 1 0 1 = 213</p>	<p>225 225/2 = 112 1 112/2 = 56 0 56/2 = 28 0 28/2 = 14 0 14/2 = 7 0 7/2 = 3 1 3/2 = 1 1 1/2 = 0 1 11 1 0 0 0 0 1 = 225</p> <p>297 297/2 = 148 1 148/2 = 74 0 74/2 = 37 0 37/2 = 18 1 18/2 = 9 1 9/2 = 4 1 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 10 0 1 0 1 0 0 1 = 297</p> <p>333 333/2 = 166 1 166/2 = 83 0 83/2 = 41 1 41/2 = 20 1 20/2 = 10 0 10/2 = 5 0 5/2 = 2 1 2/2 = 1 0 1/2 = 0 1 10 1 0 0 1 1 0 1 = 333</p> <p>101 101/2 = 50 1 50/2 = 25 0 25/2 = 12 1 12/2 = 6 0 6/2 = 3 0 3/2 = 1 1 1/2 = 0 1 11 0 0 1 0 1 = 101</p> <p>9 9/2 = 4 1 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 10 0 1 = 9</p> <p>449 449/2 = 224 1 224/2 = 112 0 112/2 = 56 0 56/2 = 28 0 28/2 = 14 0 14/2 = 7 0 7/2 = 3 1 3/2 = 1 1 1/2 = 0 1 11 1 0 0 0 0 0 1 = 449</p> <p>289 289/2 = 144 1 144/2 = 72 0 72/2 = 36 0 36/2 = 18 0 18/2 = 9 0 9/2 = 4 1 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 10 0 1 0 0 0 0 1 = 289</p>	<p>225 225/2 = 112 1 112/2 = 56 0 56/2 = 28 0 28/2 = 14 0 14/2 = 7 0 7/2 = 3 1 3/2 = 1 1 1/2 = 0 1 11 1 0 0 0 0 1 = 225</p> <p>297 297/2 = 148 1 148/2 = 74 0 74/2 = 37 0 37/2 = 18 1 18/2 = 9 1 9/2 = 4 1 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 10 0 1 0 1 0 0 1 = 297</p> <p>333 333/2 = 166 1 166/2 = 83 0 83/2 = 41 1 41/2 = 20 1 20/2 = 10 0 10/2 = 5 0 5/2 = 2 1 2/2 = 1 0 1/2 = 0 1 10 1 0 0 1 1 0 1 = 333</p> <p>101 101/2 = 50 1 50/2 = 25 0 25/2 = 12 1 12/2 = 6 0 6/2 = 3 0 3/2 = 1 1 1/2 = 0 1 11 0 0 1 0 1 = 101</p> <p>9 9/2 = 4 1 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 10 0 1 = 9</p> <p>449 449/2 = 224 1 224/2 = 112 0 112/2 = 56 0 56/2 = 28 0 28/2 = 14 0 14/2 = 7 0 7/2 = 3 1 3/2 = 1 1 1/2 = 0 1 11 1 0 0 0 0 0 1 = 449</p> <p>289 289/2 = 144 1 144/2 = 72 0 72/2 = 36 0 36/2 = 18 0 18/2 = 9 0 9/2 = 4 1 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 10 0 1 0 0 0 0 1 = 289</p>	<p>225 225/2 = 112 1 112/2 = 56 0 56/2 = 28 0 28/2 = 14 0 14/2 = 7 0 7/2 = 3 1 3/2 = 1 1 1/2 = 0 1 11 1 0 0 0 0 1 = 225</p> <p>297 297/2 = 148 1 148/2 = 74 0 74/2 = 37 0 37/2 = 18 1 18/2 = 9 1 9/2 = 4 1 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 10 0 1 0 1 0 0 1 = 297</p> <p>333 333/2 = 166 1 166/2 = 83 0 83/2 = 41 1 41/2 = 20 1 20/2 = 10 0 10/2 = 5 0 5/2 = 2 1 2/2 = 1 0 1/2 = 0 1 10 1 0 0 1 1 0 1 = 333</p> <p>101 101/2 = 50 1 50/2 = 25 0 25/2 = 12 1 12/2 = 6 0 6/2 = 3 0 3/2 = 1 1 1/2 = 0 1 11 0 0 1 0 1 = 101</p> <p>9 9/2 = 4 1 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 10 0 1 = 9</p> <p>449 449/2 = 224 1 224/2 = 112 0 112/2 = 56 0 56/2 = 28 0 28/2 = 14 0 14/2 = 7 0 7/2 = 3 1 3/2 = 1 1 1/2 = 0 1 11 1 0 0 0 0 0 1 = 449</p> <p>289 289/2 = 144 1 144/2 = 72 0 72/2 = 36 0 36/2 = 18 0 18/2 = 9 0 9/2 = 4 1 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 10 0 1 0 0 0 0 1 = 289</p>	<p>225 225/2 = 112 1 112/2 = 56 0 56/2 = 28 0 28/2 = 14 0 14/2 = 7 0 7/2 = 3 1 3/2 = 1 1 1/2 = 0 1 11 1 0 0 0 0 1 = 225</p> <p>297 297/2 = 148 1 148/2 = 74 0 74/2 = 37 0 37/2 = 18 1 18/2 = 9 1 9/2 = 4 1 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 10 0 1 0 1 0 0 1 = 297</p> <p>333 333/2 = 166 1 166/2 = 83 0 83/2 = 41 1 41/2 = 20 1 20/2 = 10 0 10/2 = 5 0 5/2 = 2 1 2/2 = 1 0 1/2 = 0 1 10 1 0 0 1 1 0 1 = 333</p> <p>101 101/2 = 50 1 50/2 = 25 0 25/2 = 12 1 12/2 = 6 0 6/2 = 3 0 3/2 = 1 1 1/2 = 0 1 11 0 0 1 0 1 = 101</p> <p>9 9/2 = 4 1 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 10 0 1 = 9</p> <p>449 449/2 = 224 1 224/2 = 112 0 112/2 = 56 0 56/2 = 28 0 28/2 = 14 0 14/2 = 7 0 7/2 = 3 1 3/2 = 1 1 1/2 = 0 1 11 1 0 0 0 0 0 1 = 449</p> <p>289 289/2 = 144 1 144/2 = 72 0 72/2 = 36 0 36/2 = 18 0 18/2 = 9 0 9/2 = 4 1 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 10 0 1 0 0 0 0 1 = 289</p>
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389 389/2 = 104 1 194/2 = 97 0 97/2 = 48 0 48/2 = 24 0 24/2 = 12 1 12/2 = 6 0 6/2 = 3 0 3/2 = 1 1 1/2 = 0 1 10 111 0 0 0 1	225 225/2 = 112 1 112/2 = 56 0 56/2 = 28 0 28/2 = 14 0 14/2 = 7 0 7/2 = 3 1 3/2 = 1 1 1/2 = 0 1 111 0 0 0 1 = 225	209 209/2 = 104 1 104/2 = 52 0 52/2 = 26 0 26/2 = 13 0 13/2 = 6 1 6/2 = 3 0 3/2 = 1 1 1/2 = 0 1 110 1 0 0 0 1 = 209	294 294/2 = 147 1 147/2 = 73 0 73/2 = 36 1 36/2 = 18 0 18/2 = 9 0 9/2 = 4 1 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 10 1 0 0 1 0 1 = 294	333 333/2 = 166 1 166/2 = 83 0 83/2 = 41 1 41/2 = 20 1 20/2 = 10 0 10/2 = 5 0 5/2 = 2 1 2/2 = 1 0 1/2 = 0 1 10 1 0 0 1 1 0 1
21 21/2 = 10 1 10/2 = 5 0 5/2 = 2 1 2/2 = 1 0 1/2 = 0 1 10 101 = 21	441 441/2 = 220 1 220/2 = 110 0 110/2 = 55 0 55/2 = 27 1 27/2 = 13 1 13/2 = 6 1 6/2 = 3 0 3/2 = 1 1 1/2 = 0 1 110 111 0 0 1 = 441	351 351/2 = 175 1 175/2 = 87 0 87/2 = 43 1 43/2 = 21 0 21/2 = 10 1 10/2 = 5 1 5/2 = 2 1 2/2 = 1 0 1/2 = 0 1 10 11 0 0 10 1 = 351	253 253/2 = 126 1 126/2 = 63 0 63/2 = 31 1 31/2 = 15 1 15/2 = 7 1 7/2 = 3 1 3/2 = 1 1 1/2 = 0 1 11 111 1 0 1 = 253	321 321/2 = 160 1 160/2 = 80 0 80/2 = 40 0 40/2 = 20 0 20/2 = 10 0 10/2 = 5 0 5/2 = 2 1 2/2 = 1 0 1/2 = 0 1 10 1 0 0 0 0 0 1 = 321
313 313/2 = 156 1 156/2 = 78 0 78/2 = 39 0 39/2 = 19 1 19/2 = 9 1 9/2 = 4 1 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 10 0 111 0 0 1 = 313	245 245/2 = 122 1 122/2 = 61 0 61/2 = 30 1 30/2 = 15 0 15/2 = 7 1 7/2 = 3 1 3/2 = 1 1 1/2 = 0 1 111 0 10 1 = 245	153 153/2 = 76 1 76/2 = 38 0 38/2 = 19 0 19/2 = 9 1 9/2 = 4 1 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 10 0 11 0 0 1 = 153	413 413/2 = 206 1 206/2 = 103 0 103/2 = 51 0 51/2 = 25 1 25/2 = 12 1 12/2 = 6 0 6/2 = 3 0 3/2 = 1 1 1/2 = 0 1 110 0 111 0 1 = 413	221 221/2 = 110 1 110/2 = 55 0 55/2 = 27 1 27/2 = 13 1 13/2 = 6 1 6/2 = 3 0 3/2 = 1 1 1/2 = 0 1 110 111 0 1 = 221
377 377/2 = 188 1 188/2 = 94 0 94/2 = 47 0 47/2 = 23 1 23/2 = 11 1 11/2 = 5 1 5/2 = 2 1 2/2 = 1 0 1/2 = 0 1 10 1111 0 0 1 = 377	369 369/2 = 184 1 184/2 = 92 0 92/2 = 46 0 46/2 = 23 0 23/2 = 11 1 11/2 = 5 1 5/2 = 2 1 2/2 = 1 0 1/2 = 0 1 10 1110 0 0 1 = 369	337 337/2 = 168 1 168/2 = 84 0 84/2 = 42 0 42/2 = 21 0 21/2 = 10 1 10/2 = 5 0 5/2 = 2 1 2/2 = 1 0 1/2 = 0 1 10 10 10 0 0 1 = 337	245 245/2 = 122 1 122/2 = 61 0 61/2 = 30 1 30/2 = 15 0 15/2 = 7 1 7/2 = 3 1 3/2 = 1 1 1/2 = 0 1 11 111 0 10 1 = 245	389 389/2 = 194 1 194/2 = 97 0 97/2 = 48 0 48/2 = 24 0 24/2 = 12 1 12/2 = 6 0 6/2 = 3 0 3/2 = 1 1 1/2 = 0 1 11 0 0 1 0 0 1 = 389

201 201/2 = 100 1 100/2 = 50 0 50/2 = 25 0 25/2 = 12 1 12/2 = 6 0 6/2 = 3 0 3/2 = 1 1 1/2 = 0 1 11 0 0 1 0 0 1 = 201	105 105/2 = 52 1 52/2 = 26 0 26/2 = 13 0 13/2 = 6 1 6/2 = 3 0 3/2 = 1 1 1/2 = 0 1 110 100 1 = 105	317 317/2 = 158 1 158/2 = 79 0 79/2 = 39 1 39/2 = 19 1 19/2 = 9 1 9/2 = 4 1 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 10 0 111 0 1 = 317	257 257/2 = 128 1 128/2 = 64 0 64/2 = 32 0 32/2 = 16 0 16/2 = 8 0 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 10 0 0 0 0 0 1 = 257	421 421/2 = 210 1 210/2 = 105 0 105/2 = 52 1 52/2 = 26 0 26/2 = 13 0 13/2 = 6 1 6/2 = 3 0 3/2 = 1 1 1/2 = 0 1 11 0 1 0 0 10 1 = 421
65 65/2 = 32 1 32/2 = 16 0 16/2 = 8 0 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 10 0 0 0 0 1 = 65	229 229/2 = 114 1 114/2 = 57 0 57/2 = 28 1 28/2 = 14 0 14/2 = 7 0 7/2 = 3 1 3/2 = 1 1 1/2 = 0 1 111 0 10 1 = 229	469 469/2 = 234 1 234/2 = 117 0 117/2 = 58 1 58/2 = 29 0 29/2 = 14 1 14/2 = 7 0 7/2 = 3 1 3/2 = 1 1 1/2 = 0 1 111 0 10 10 1 = 469	141 141/2 = 70 1 70/2 = 35 0 35/2 = 17 1 17/2 = 8 1 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 10 0 0 1 0 0 1 = 141	265 265/2 = 132 1 132/2 = 66 0 66/2 = 33 0 33/2 = 16 1 16/2 = 8 0 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 10 0 0 1 0 0 1 = 265
477 477/2 = 238 1 238/2 = 119 0 119/2 = 59 1 59/2 = 29 1 29/2 = 14 1 14/2 = 7 0 7/2 = 3 1 3/2 = 1 1 1/2 = 0 1 11 1 0 111 0 1 = 477	86 86/2 = 42 1 42/2 = 21 0 21/2 = 10 1 10/2 = 5 0 5/2 = 2 1 2/2 = 1 0 1/2 = 0 1 10 10 10 1 = 86	121 121/2 = 60 1 60/2 = 30 0 30/2 = 15 0 15/2 = 7 1 7/2 = 3 1 3/2 = 1 1 1/2 = 0 1 11 1 1 0 0 1 = 121	277 277/2 = 138 1 138/2 = 69 0 69/2 = 34 1 34/2 = 17 0 17/2 = 8 1 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 10 0 0 1 0 0 1 = 277	361 361/2 = 180 1 180/2 = 90 0 90/2 = 45 0 45/2 = 22 1 22/2 = 11 0 11/2 = 5 1 5/2 = 2 1 2/2 = 1 0 1/2 = 0 1 10 11 0 10 0 1 = 361
349 349/2 = 174 1 174/2 = 87 0 87/2 = 43 1 43/2 = 21 1 21/2 = 10 1 10/2 = 5 0 5/2 = 2 1 2/2 = 1 0 1/2 = 0 1 10 1 0 111 0 1 = 349	417 417/2 = 208 1 208/2 = 104 0 104/2 = 52 0 52/2 = 26 0 26/2 = 13 0 13/2 = 6 1 6/2 = 3 0 3/2 = 1 1 1/2 = 0 1 110 100 0 0 1 = 417	277 277/2 = 138 1 138/2 = 69 0 69/2 = 34 1 34/2 = 17 0 17/2 = 8 1 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 10 0 0 1 0 0 1 = 277	101 101/2 = 50 1 50/2 = 25 0 25/2 = 12 1 12/2 = 6 0 6/2 = 3 0 3/2 = 1 1 1/2 = 0 1 11 0 0 1 0 1 = 101	325 325/2 = 162 1 162/2 = 81 0 81/2 = 40 1 40/2 = 20 0 20/2 = 10 0 10/2 = 5 0 5/2 = 2 1 2/2 = 1 0 1/2 = 0 1 10 1 0 0 0 1 0 1 = 325
				261 261/2 = 130 1 130/2 = 65 0 65/2 = 32 1 32/2 = 16 0 16/2 = 8 0 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 10 0 0 0 1 0 1 = 261
				141 141/2 = 70 1 70/2 = 35 0 35/2 = 17 1 17/2 = 8 1 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 10 0 0 1 1 0 1 = 141



<div>5041</div> <div>10110010</div>



141 141/2 = 70 1 70/2 = 35 0 35/2 = 17 1 17/2 = 8 1 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 10001101 = 141	381 381/2 = 190 1 190/2 = 95 0 95/2 = 47 1 47/2 = 23 1 23/2 = 11 1 11/2 = 5 1 5/2 = 2 1 2/2 = 1 0 1/2 = 0 1 101111101 = 381	9 9/2 = 4 1 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 100101 = 9	405 405/2 = 202 1 202/2 = 101 0 101/2 = 50 1 50/2 = 25 0 25/2 = 12 1 12/2 = 6 0 6/2 = 3 0 3/2 = 1 0 1/2 = 0 1 1101010101 = 405	421 421/2 = 210 1 210/2 = 105 0 105/2 = 52 1 52/2 = 26 0 26/2 = 13 0 13/2 = 6 1 6/2 = 3 0 3/2 = 1 1 1/2 = 0 1 110100101 = 421	33 33/2 = 16 1 16/2 = 8 0 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 10000101 = 33	185 185/2 = 92 1 92/2 = 46 0 46/2 = 23 0 23/2 = 11 1 11/2 = 5 1 5/2 = 2 1 2/2 = 1 0 1/2 = 0 1 10111001 = 185
497 497/2 = 248 1 248/2 = 124 0 124/2 = 62 0 62/2 = 31 0 31/2 = 15 1 15/2 = 7 1 7/2 = 3 1 3/2 = 1 0 1/2 = 0 1 11111001 = 497	293 293/2 = 146 1 146/2 = 73 0 73/2 = 36 1 36/2 = 18 0 18/2 = 9 0 9/2 = 4 1 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 101010101 = 293	437 437/2 = 218 1 218/2 = 109 0 109/2 = 54 1 54/2 = 27 0 27/2 = 13 1 13/2 = 6 1 6/2 = 3 0 3/2 = 1 1 1/2 = 0 1 110110101 = 437	313 313/2 = 156 1 156/2 = 78 0 78/2 = 39 0 39/2 = 19 1 19/2 = 9 1 9/2 = 4 1 4/2 = 2 1 2/2 = 1 0 1/2 = 0 1 101111001 = 313	23 23/2 = 12 1 12/2 = 6 0 6/2 = 3 0 3/2 = 1 1 1/2 = 0 1 11001 = 23	117 117/2 = 58 1 58/2 = 29 0 29/2 = 14 1 14/2 = 7 0 7/2 = 3 1 3/2 = 1 1 1/2 = 0 1 1110101 = 117	453 453/2 = 226 1 226/2 = 113 0 113/2 = 56 0 56/2 = 28 0 28/2 = 14 0 14/2 = 7 0 7/2 = 3 1 3/2 = 1 1 1/2 = 0 1 111000001 = 453
285 285/2 = 142 1 142/2 = 71 0 71/2 = 35 1 35/2 = 17 1 17/2 = 8 1 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 100011101 = 285	100011101 = 285	321 321/2 = 160 1 160/2 = 80 0 80/2 = 40 0 40/2 = 20 0 20/2 = 10 0 10/2 = 5 0 5/2 = 2 1 2/2 = 1 0 1/2 = 0 1 101000001 = 321	429 429/2 = 214 1 214/2 = 107 0 107/2 = 53 1 53/2 = 26 1 26/2 = 13 0 13/2 = 6 1 6/2 = 3 0 3/2 = 1 1 1/2 = 0 1 110101101 = 429	369 369/2 = 184 1 184/2 = 92 0 92/2 = 46 0 46/2 = 23 0 23/2 = 11 1 11/2 = 5 1 5/2 = 2 1 2/2 = 1 0 1/2 = 0 1 101110001 = 369	361 361/2 = 180 1 180/2 = 90 0 90/2 = 45 0 45/2 = 22 1 22/2 = 11 0 11/2 = 5 1 5/2 = 2 1 2/2 = 1 0 1/2 = 0 1 101101001 = 361	465 465/2 = 232 1 232/2 = 116 0 116/2 = 58 0 58/2 = 29 0 29/2 = 14 1 14/2 = 7 0 7/2 = 3 1 3/2 = 1 1 1/2 = 0 1 111010001 = 465
5941 5941/2 = 2970 1 2970/2 = 1485 0 1485/2 = 742 1 742/2 = 371 0 371/2 = 185 1 185/2 = 92 1 92/2 = 46 0 46/2 = 23 0 23/2 = 11 1 11/2 = 5 1 5/2 = 2 1 2/2 = 1 0 1/2 = 0 1 100001001 = 5941	9 9/2 = 4 1 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 100101 = 9	433 433/2 = 216 1 216/2 = 108 0 108/2 = 54 0 54/2 = 27 0 27/2 = 13 1 13/2 = 6 1 6/2 = 3 0 3/2 = 1 1 1/2 = 0 1 110110001 = 433	285 285/2 = 142 1 142/2 = 71 0 71/2 = 35 1 35/2 = 17 1 17/2 = 8 1 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 100101101 = 285	133 133/2 = 66 1 66/2 = 33 0 33/2 = 16 1 16/2 = 8 0 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 10101101 = 133	409 409/2 = 204 1 204/2 = 102 0 102/2 = 51 0 51/2 = 25 1 25/2 = 12 1 12/2 = 6 0 6/2 = 3 0 3/2 = 1 1 1/2 = 0 1 110011001 = 409	17 17/2 = 8 1 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 10001 = 17
265 265/2 = 132 1 132/2 = 66 0 66/2 = 33 0 33/2 = 16 1 16/2 = 8 0 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 100001001 = 265	9 9/2 = 4 1 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 100101 = 9	433 433/2 = 216 1 216/2 = 108 0 108/2 = 54 0 54/2 = 27 0 27/2 = 13 1 13/2 = 6 1 6/2 = 3 0 3/2 = 1 1 1/2 = 0 1 110110001 = 433	285 285/2 = 142 1 142/2 = 71 0 71/2 = 35 1 35/2 = 17 1 17/2 = 8 1 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 100101101 = 285	133 133/2 = 66 1 66/2 = 33 0 33/2 = 16 1 16/2 = 8 0 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 10101101 = 133	409 409/2 = 204 1 204/2 = 102 0 102/2 = 51 0 51/2 = 25 1 25/2 = 12 1 12/2 = 6 0 6/2 = 3 0 3/2 = 1 1 1/2 = 0 1 110011001 = 409	17 17/2 = 8 1 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 10001 = 17
265 265/2 = 132 1 132/2 = 66 0 66/2 = 33 0 33/2 = 16 1 16/2 = 8 0 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 100001001 = 265	9 9/2 = 4 1 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 100101 = 9	433 433/2 = 216 1 216/2 = 108 0 108/2 = 54 0 54/2 = 27 0 27/2 = 13 1 13/2 = 6 1 6/2 = 3 0 3/2 = 1 1 1/2 = 0 1 110110001 = 433	285 285/2 = 142 1 142/2 = 71 0 71/2 = 35 1 35/2 = 17 1 17/2 = 8 1 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 100101101 = 285	133 133/2 = 66 1 66/2 = 33 0 33/2 = 16 1 16/2 = 8 0 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 10101101 = 133	409 409/2 = 204 1 204/2 = 102 0 102/2 = 51 0 51/2 = 25 1 25/2 = 12 1 12/2 = 6 0 6/2 = 3 0 3/2 = 1 1 1/2 = 0 1 110011001 = 409	17 17/2 = 8 1 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 10001 = 17
265 265/2 = 132 1 132/2 = 66 0 66/2 = 33 0 33/2 = 16 1 16/2 = 8 0 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 100001001 = 265	9 9/2 = 4 1 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 100101 = 9	433 433/2 = 216 1 216/2 = 108 0 108/2 = 54 0 54/2 = 27 0 27/2 = 13 1 13/2 = 6 1 6/2 = 3 0 3/2 = 1 1 1/2 = 0 1 110110001 = 433	285 285/2 = 142 1 142/2 = 71 0 71/2 = 35 1 35/2 = 17 1 17/2 = 8 1 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 100101101 = 285	133 133/2 = 66 1 66/2 = 33 0 33/2 = 16 1 16/2 = 8 0 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 10101101 = 133	409 409/2 = 204 1 204/2 = 102 0 102/2 = 51 0 51/2 = 25 1 25/2 = 12 1 12/2 = 6 0 6/2 = 3 0 3/2 = 1 1 1/2 = 0 1 110011001 = 409	17 17/2 = 8 1 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 10001 = 17
265 265/2 = 132 1 132/2 = 66 0 66/2 = 33 0 33/2 = 16 1 16/2 = 8 0 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 100001001 = 265	9 9/2 = 4 1 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 100101 = 9	433 433/2 = 216 1 216/2 = 108 0 108/2 = 54 0 54/2 = 27 0 27/2 = 13 1 13/2 = 6 1 6/2 = 3 0 3/2 = 1 1 1/2 = 0 1 110110001 = 433	285 285/2 = 142 1 142/2 = 71 0 71/2 = 35 1 35/2 = 17 1 17/2 = 8 1 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 100101101 = 285	133 133/2 = 66 1 66/2 = 33 0 33/2 = 16 1 16/2 = 8 0 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 10101101 = 133	409 409/2 = 204 1 204/2 = 102 0 102/2 = 51 0 51/2 = 25 1 25/2 = 12 1 12/2 = 6 0 6/2 = 3 0 3/2 = 1 1 1/2 = 0 1 110011001 = 409	17 17/2 = 8 1 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 10001 = 17
265 265/2 = 132 1 132/2 = 66 0 66/2 = 33 0 33/2 = 16 1 16/2 = 8 0 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 100001001 = 265	9 9/2 = 4 1 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 100101 = 9	433 433/2 = 216 1 216/2 = 108 0 108/2 = 54 0 54/2 = 27 0 27/2 = 13 1 13/2 = 6 1 6/2 = 3 0 3/2 = 1 1 1/2 = 0 1 110110001 = 433	285 285/2 = 142 1 142/2 = 71 0 71/2 = 35 1 35/2 = 17 1 17/2 = 8 1 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 100101101 = 285	133 133/2 = 66 1 66/2 = 33 0 33/2 = 16 1 16/2 = 8 0 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 10101101 = 133	409 409/2 = 204 1 204/2 = 102 0 102/2 = 51 0 51/2 = 25 1 25/2 = 12 1 12/2 = 6 0 6/2 = 3 0 3/2 = 1 1 1/2 = 0 1 110011001 = 409	17 17/2 = 8 1 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 10001 = 17
265 265/2 = 132 1 132/2 = 66 0 66/2 = 33 0 33/2 = 16 1 16/2 = 8 0 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 100001001 = 265	9 9/2 = 4 1 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 100101 = 9	433 433/2 = 216 1 216/2 = 108 0 108/2 = 54 0 54/2 = 27 0 27/2 = 13 1 13/2 = 6 1 6/2 = 3 0 3/2 = 1 1 1/2 = 0 1 110110001 = 433	285 285/2 = 142 1 142/2 = 71 0 71/2 = 35 1 35/2 = 17 1 17/2 = 8 1 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 100101101 = 285	133 133/2 = 66 1 66/2 = 33 0 33/2 = 16 1 16/2 = 8 0 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 10101101 = 133	409 409/2 = 204 1 204/2 = 102 0 102/2 = 51 0 51/2 = 25 1 25/2 = 12 1 12/2 = 6 0 6/2 = 3 0 3/2 = 1 1 1/2 = 0 1 110011001 = 409	17 17/2 = 8 1 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 10001 = 17
265 265/2 = 132 1 132/2 = 66 0 66/2 = 33 0 33/2 = 16 1 16/2 = 8 0 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 100001001 = 265	9 9/2 = 4 1 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 100101 = 9	433 433/2 = 216 1 216/2 = 108 0 108/2 = 54 0 54/2 = 27 0 27/2 = 13 1 13/2 = 6 1 6/2 = 3 0 3/2 = 1 1 1/2 = 0 1 110110001 = 433	285 285/2 = 142 1 142/2 = 71 0 71/2 = 35 1 35/2 = 17 1 17/2 = 8 1 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 100101101 = 285	133 133/2 = 66 1 66/2 = 33 0 33/2 = 16 1 16/2 = 8 0 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 10101101 = 133	409 409/2 = 204 1 204/2 = 102 0 102/2 = 51 0 51/2 = 25 1 25/2 = 12 1 12/2 = 6 0 6/2 = 3 0 3/2 = 1 1 1/2 = 0 1 110011001 = 409	17 17/2 = 8 1 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 10001 = 17
265 265/2 = 132 1 132/2 = 66 0 66/2 = 33 0 33/2 = 16 1 16/2 = 8 0 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 100001001 = 265	9 9/2 = 4 1 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 100101 = 9	433 433/2 = 216 1 216/2 = 108 0 108/2 = 54 0 54/2 = 27 0 27/2 = 13 1 13/2 = 6 1 6/2 = 3 0 3/2 = 1 1 1/2 = 0 1 110110001 = 433	285 285/2 = 142 1 142/2 = 71 0 71/2 = 35 1 35/2 = 17 1 17/2 = 8 1 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 100101101 = 285	133 133/2 = 66 1 66/2 = 33 0 33/2 = 16 1 16/2 = 8 0 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 10101101 = 133	409 409/2 = 204 1 204/2 = 102 0 102/2 = 51 0 51/2 = 25 1 25/2 = 12 1 12/2 = 6 0 6/2 = 3 0 3/2 = 1 1 1/2 = 0 1 110011001 = 409	17 17/2 = 8 1 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 10001 = 17
265 265/2 = 132 1 132/2 = 66 0 66/2 = 33 0 33/2 = 16 1 16/2 = 8 0 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 100001001 = 265	9 9/2 = 4 1 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 100101 = 9	433 433/2 = 216 1 216/2 = 108 0 108/2 = 54 0 54/2 = 27 0 27/2 = 13 1 13/2 = 6 1 6/2 = 3 0 3/2 = 1 1 1/2 = 0 1 110110001 = 433	285 285/2 = 142 1 142/2 = 71 0 71/2 = 35 1 35/2 = 17 1 17/2 = 8 1 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 100101101 = 285	133 133/2 = 66 1 66/2 = 33 0 33/2 = 16 1 16/2 = 8 0 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 10101101 = 133	409 409/2 = 204 1 204/2 = 102 0 102/2 = 51 0 51/2 = 25 1 25/2 = 12 1 12/2 = 6 0 6/2 = 3 0 3/2 = 1 1 1/2 = 0 1 110011001 = 409	17 17/2 = 8 1 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 10001 = 17
265 265/2 = 132 1 132/2 = 66 0 66/2 = 33 0 33/2 = 16 1 16/2 = 8 0 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 100001001 = 265	9 9/2 = 4 1 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 100101 = 9	433 433/2 = 216 1 216/2 = 108 0 108/2 = 54 0 54/2 = 27 0 27/2 = 13 1 13/2 = 6 1 6/2 = 3 0 3/2 = 1 1 1/2 = 0 1 110110001 = 433	285 285/2 = 142 1 142/2 = 71 0 71/2 = 35 1 35/2 = 17 1 17/2 = 8 1 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 100101101 = 285	133 133/2 = 66 1 66/2 = 33 0 33/2 = 16 1 16/2 = 8 0 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 10101101 = 133	409 409/2 = 204 1 204/2 = 102 0 102/2 = 51 0 51/2 = 25 1 25/2 = 12 1 12/2 = 6 0 6/2 = 3 0 3/2 = 1 1 1/2 = 0 1 110011001 = 409	17 17/2 = 8 1 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 10001 = 17
265 265/2 = 132 1 132/2 = 66 0 66/2 = 33 0 33/2 = 16 1 16/2 = 8 0 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 100001001 = 265	9 9/2 = 4 1 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 100101 = 9	433 433/2 = 216 1 216/2 = 108 0 108/2 = 54 0 54/2 = 27 0 27/2 = 13 1 13/2 = 6 1 6/2 = 3 0 3/2 = 1 1 1/2 = 0 1 110110001 = 433	285 285/2 = 142 1 142/2 = 71 0 71/2 = 35 1 35/2 = 17 1 17/2 = 8 1 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 100101101 = 285	133 133/2 = 66 1 66/2 = 33 0 33/2 = 16 1 16/2 = 8 0 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 10101101 = 133	409 409/2 = 204 1 204/2 = 102 0 102/2 = 51 0 51/2 = 25 1 25/2 = 12 1 12/2 = 6 0 6/2 = 3 0 3/2 = 1 1 1/2 = 0 1 110011001 = 409	17 17/2 = 8 1 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 10001 = 17
265 265/2 = 132 1 132/2 = 66 0 66/2 = 33 0 33/2 = 16 1 16/2 = 8 0 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 100001001 = 265	9 9/2 = 4 1 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 100101 = 9	433 433/2 = 216 1 216/2 = 108 0 108/2 = 54 0 54/2 = 27 0 27/2 = 13 1 13/2 = 6 1 6/2 = 3 0 3/2 = 1 1 1/2 = 0 1 110110001 = 433	285 285/2 = 142 1 142/2 = 71 0 71/2 = 35 1 35/2 = 17 1 17/2 = 8 1 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 100101101 = 285	133 133/2 = 66 1 66/2 = 33 0 33/2 = 16 1 16/2 = 8 0 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 10101101 = 133	409 409/2 = 204 1 204/2 = 102 0 102/2 = 51 0 51/2 = 25 1 25/2 = 12 1 12/2 = 6 0 6/2 = 3 0 3/2 = 1 1 1/2 = 0 1 110011001 = 409	17 17/2 = 8 1 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 10001 = 17
265 265/2 = 132 1 132/2 = 66 0 66/2 = 33 0 33/2 = 16 1 16/2 = 8 0 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1 100001001 = 265	9 9/2 = 4 1 4/2 = 2 0 2/2 = 1 0					



<p>249 249/2 = 124 1 124/2 = 62 0 62/2 = 31 0 31/2 = 15 1 15/2 = 7 1 7/2 = 3 1 3/2 = 1 1 1/2 = 0 1</p> <p>11111 0 1 = 249</p>	<p>185 185/2 = 92 1 92/2 = 46 0 46/2 = 23 0 23/2 = 11 0 11/2 = 5 1 5/2 = 2 1 2/2 = 1 0 1/2 = 0 1</p> <p>10110001 = 185</p>	<p>17 17/2 = 8 1 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1</p> <p>10001 = 17</p>	<p>269 269/2 = 134 1 134/2 = 67 0 67/2 = 33 1 33/2 = 16 1 16/2 = 8 0 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1</p> <p>1000001101 = 269</p>	<p>257 257/2 = 128 1 128/2 = 64 0 64/2 = 32 0 32/2 = 16 0 16/2 = 8 0 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1</p> <p>100000001 = 257</p>	<p>381 381/2 = 190 1 190/2 = 95 0 95/2 = 47 1 47/2 = 23 1 23/2 = 11 1 11/2 = 5 1 5/2 = 2 1 2/2 = 1 0 1/2 = 0 1</p> <p>10111101 = 381</p>
<p>109 109/2 = 54 1 54/2 = 27 0 27/2 = 13 1 13/2 = 6 1 6/2 = 3 0 3/2 = 1 1 1/2 = 0 1</p> <p>1101101 = 109</p>	<p>421 421/2 = 210 1 210/2 = 105 0 105/2 = 52 1 52/2 = 26 0 26/2 = 13 0 13/2 = 6 1 6/2 = 3 0 3/2 = 1 1 1/2 = 0 1</p> <p>110100101 = 421</p>	<p>193 193/2 = 96 1 96/2 = 48 0 48/2 = 24 0 24/2 = 12 0 12/2 = 6 0 6/2 = 3 0 3/2 = 1 1 1/2 = 0 1</p> <p>11000001 = 193</p>	<p>129 129/2 = 64 1 64/2 = 32 0 32/2 = 16 0 16/2 = 8 0 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1</p> <p>10000001101 = 129</p>	<p>57 57/2 = 28 1 28/2 = 14 0 14/2 = 7 0 7/2 = 3 1 3/2 = 1 1 1/2 = 0 1</p> <p>111001 = 57</p>	<p>381 381/2 = 190 1 190/2 = 95 0 95/2 = 47 1 47/2 = 23 1 23/2 = 11 1 11/2 = 5 1 5/2 = 2 1 2/2 = 1 0 1/2 = 0 1</p> <p>10111101 = 381</p>
<p>69 69/2 = 34 1 34/2 = 17 0 17/2 = 8 1 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1</p> <p>1000101 = 69</p>	<p>289 289/2 = 144 1 144/2 = 72 0 72/2 = 36 0 36/2 = 18 0 18/2 = 9 0 9/2 = 4 1 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1</p> <p>100100001 = 289</p>	<p>17 17/2 = 8 1 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1</p> <p>10001 = 17</p>	<p>53 53/2 = 26 1 26/2 = 13 0 13/2 = 6 1 6/2 = 3 0 3/2 = 1 1 1/2 = 0 1</p> <p>110101 = 53</p>	<p>433 433/2 = 216 1 216/2 = 108 0 108/2 = 54 0 54/2 = 27 0 27/2 = 13 1 13/2 = 6 1 6/2 = 3 0 3/2 = 1 1 1/2 = 0 1</p> <p>110110001 = 433</p>	<p>443 443/2 = 221 1 221/2 = 110 1 110/2 = 55 0 55/2 = 27 1 27/2 = 13 1 13/2 = 6 1 6/2 = 3 0 3/2 = 1 1 1/2 = 0 1</p> <p>11011101 = 443</p>
<p>273 273/2 = 136 1 136/2 = 68 0 68/2 = 34 0 34/2 = 17 0 17/2 = 8 1 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1</p> <p>100010001 = 273</p>	<p>277 277/2 = 138 1 138/2 = 69 0 69/2 = 34 1 34/2 = 17 0 17/2 = 8 1 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1</p> <p>100010101 = 277</p>	<p>421 421/2 = 210 1 210/2 = 105 0 105/2 = 52 1 52/2 = 26 0 26/2 = 13 0 13/2 = 6 1 6/2 = 3 0 3/2 = 1 1 1/2 = 0 1</p> <p>110100101 = 421</p>	<p>209 209/2 = 104 1 104/2 = 52 0 52/2 = 26 0 26/2 = 13 0 13/2 = 6 1 6/2 = 3 0 3/2 = 1 1 1/2 = 0 1</p> <p>1101001 = 209</p>	<p>297 297/2 = 148 1 148/2 = 74 0 74/2 = 37 0 37/2 = 18 1 18/2 = 9 0 9/2 = 4 1 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1</p> <p>101010101 = 297</p>	<p>65 65/2 = 32 1 32/2 = 16 0 16/2 = 8 0 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1</p> <p>10000001 = 65</p>
<p>409 409/2 = 204 1 204/2 = 102 0 102/2 = 51 0 51/2 = 25 1 25/2 = 12 1 12/2 = 6 0 6/2 = 3 0 3/2 = 1 1 1/2 = 0 1</p> <p>110011001 = 409</p>	<p>425 425/2 = 212 1 212/2 = 106 0 106/2 = 53 0 53/2 = 26 1 26/2 = 13 0 13/2 = 6 1 6/2 = 3 0 3/2 = 1 1 1/2 = 0 1</p> <p>110101001 = 425</p>	<p>249 249/2 = 124 1 124/2 = 62 0 62/2 = 31 0 31/2 = 15 1 15/2 = 7 1 7/2 = 3 1 3/2 = 1 1 1/2 = 0 1</p> <p>11010101 = 249</p>	<p>405 405/2 = 202 1 202/2 = 101 0 101/2 = 50 1 50/2 = 25 0 25/2 = 12 1 12/2 = 6 0 6/2 = 3 0 3/2 = 1 1 1/2 = 0 1</p> <p>110010101 = 405</p>	<p>41 41/2 = 20 1 20/2 = 10 0 10/2 = 5 0 5/2 = 2 1 2/2 = 1 0 1/2 = 0 1</p> <p>101001 = 41</p>	<p>45 45/2 = 22 1 22/2 = 11 0 11/2 = 5 1 5/2 = 2 1 2/2 = 1 0 1/2 = 0 1</p> <p>101101 = 45</p>
<p>325 325/2 = 162 1 162/2 = 81 0 81/2 = 40 1 40/2 = 20 0 20/2 = 10 0 10/2 = 5 0 5/2 = 2 1 2/2 = 1 0 1/2 = 0 1</p> <p>101000101 = 325</p>	<p>33 33/2 = 16 1 16/2 = 8 0 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1</p> <p>100001 = 33</p>	<p>441 441/2 = 220 1 220/2 = 110 0 110/2 = 55 0 55/2 = 27 1 27/2 = 13 1 13/2 = 6 1 6/2 = 3 0 3/2 = 1 1 1/2 = 0 1</p> <p>110110101 = 441</p>	<p>229 229/2 = 114 1 114/2 = 57 0 57/2 = 28 1 28/2 = 14 0 14/2 = 7 0 7/2 = 3 1 3/2 = 1 1 1/2 = 0 1</p> <p>101010101 = 229</p>	<p>181 181/2 = 90 1 90/2 = 45 0 45/2 = 22 1 22/2 = 11 0 11/2 = 5 1 5/2 = 2 1 2/2 = 1 0 1/2 = 0 1</p> <p>101010101 = 181</p>	<p>417 417/2 = 208 1 208/2 = 104 0 104/2 = 52 0 52/2 = 26 0 26/2 = 13 0 13/2 = 6 1 6/2 = 3 0 3/2 = 1 1 1/2 = 0 1</p> <p>110100001 = 417</p>
<p>101 101/2 = 50 1 50/2 = 25 0 25/2 = 12 1 12/2 = 6 0 6/2 = 3 0 3/2 = 1 1 1/2 = 0 1</p> <p>110101 = 101</p>	<p>365 365/2 = 182 1 182/2 = 91 0 91/2 = 45 1 45/2 = 22 1 22/2 = 11 0 11/2 = 5 1 5/2 = 2 1 2/2 = 1 0 1/2 = 0 1</p> <p>1001001 = 365</p>	<p>409 409/2 = 204 1 204/2 = 102 0 102/2 = 51 0 51/2 = 25 1 25/2 = 12 1 12/2 = 6 0 6/2 = 3 0 3/2 = 1 1 1/2 = 0 1</p> <p>11011001 = 409</p>	<p>165 165/2 = 82 1 82/2 = 41 0 41/2 = 20 1 20/2 = 10 0 10/2 = 5 0 5/2 = 2 1 2/2 = 1 0 1/2 = 0 1</p> <p>10100101 = 165</p>	<p>69 69/2 = 34 1 34/2 = 17 0 17/2 = 8 1 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1</p> <p>1000101 = 69</p>	<p>161 161/2 = 80 1 80/2 = 40 0 40/2 = 20 0 20/2 = 10 0 10/2 = 5 0 5/2 = 2 1 2/2 = 1 0 1/2 = 0 1</p> <p>10100001 = 161</p>
<p>345 345/2 = 172 1 172/2 = 86 0 86/2 = 43 0 43/2 = 21 1 21/2 = 10 1 10/2 = 5 0 5/2 = 2 1 2/2 = 1 0 1/2 = 0 1</p> <p>11011001 = 345</p>	<p>73 73/2 = 36 1 36/2 = 18 0 18/2 = 9 0 9/2 = 4 1 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1</p> <p>1001001 = 73</p>	<p>481 481/2 = 240 1 240/2 = 120 0 120/2 = 60 0 60/2 = 30 0 30/2 = 15 0 15/2 = 7 1 7/2 = 3 1 3/2 = 1 1 1/2 = 0 1</p> <p>111100001 = 481</p>	<p>269 269/2 = 134 1 134/2 = 67 0 67/2 = 33 1 33/2 = 16 1 16/2 = 8 0 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1</p> <p>100001101 = 269</p>	<p>485 485/2 = 242 1 242/2 = 121 0 121/2 = 60 1 60/2 = 30 1 30/2 = 15 0 15/2 = 7 1 7/2 = 3 1 3/2 = 1 1 1/2 = 0 1</p> <p>111100101 = 485</p>	<p>273 273/2 = 136 1 136/2 = 68 0 68/2 = 34 0 34/2 = 17 0 17/2 = 8 1 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1</p> <p>100010001 = 273</p>



<p>5041</p> <p>1011100110101 +101111101101</p> <p>209</p> <p>167</p> <p>257</p> <p>105</p> <p>169</p> <p>469</p> <p>1011100110101 +101111101101</p> <p>257</p> <p>153</p> <p>65</p> <p>425</p> <p>237</p> <p>105</p> <p>1011100110101 +101111101101</p> <p>365</p> <p>493</p> <p>465</p> <p>261</p> <p>141</p> <p>21</p> <p>1011100110101 +101111101101</p> <p>365</p> <p>493</p> <p>465</p> <p>261</p> <p>141</p> <p>21</p> <p>1011100110101 +101111101101</p>	<p>1011100110101 +101111101101</p> <p>209</p> <p>167</p> <p>257</p> <p>105</p> <p>169</p> <p>469</p> <p>1011100110101 +101111101101</p> <p>257</p> <p>153</p> <p>65</p> <p>425</p> <p>237</p> <p>105</p> <p>1011100110101 +101111101101</p> <p>365</p> <p>493</p> <p>465</p> <p>261</p> <p>141</p> <p>21</p> <p>1011100110101 +101111101101</p> <p>365</p> <p>493</p> <p>465</p> <p>261</p> <p>141</p> <p>21</p> <p>1011100110101 +101111101101</p>	<p>1011100110101 +101111101101</p> <p>209</p> <p>167</p> <p>257</p> <p>105</p> <p>169</p> <p>469</p> <p>1011100110101 +101111101101</p> <p>257</p> <p>153</p> <p>65</p> <p>425</p> <p>237</p> <p>105</p> <p>1011100110101 +101111101101</p> <p>365</p> <p>493</p> <p>465</p> <p>261</p> <p>141</p> <p>21</p> <p>1011100110101 +101111101101</p> <p>365</p> <p>493</p> <p>465</p> <p>261</p> <p>141</p> <p>21</p> <p>1011100110101 +101111101101</p>	<p>1011100110101 +101111101101</p> <p>209</p> <p>167</p> <p>257</p> <p>105</p> <p>169</p> <p>469</p> <p>1011100110101 +101111101101</p> <p>257</p> <p>153</p> <p>65</p> <p>425</p> <p>237</p> <p>105</p> <p>1011100110101 +101111101101</p> <p>365</p> <p>493</p> <p>465</p> <p>261</p> <p>141</p> <p>21</p> <p>1011100110101 +101111101101</p> <p>365</p> <p>493</p> <p>465</p> <p>261</p> <p>141</p> <p>21</p> <p>1011100110101 +101111101101</p>
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5941 145 145/2 = 72 1 27/2 = 36 0 36/2 = 18 0 18/2 = 9 0 9/2 = 4 1 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1	97 97/2 = 48 1 48/2 = 24 0 24/2 = 12 0 12/2 = 6 0 6/2 = 3 0 3/2 = 1 1 1/2 = 0 1	213 213/2 = 106 1 106/2 = 53 0 53/2 = 26 1 26/2 = 13 0 13/2 = 6 1 6/2 = 3 0 3/2 = 1 1 1/2 = 0 1	177 177/2 = 88 1 88/2 = 44 0 44/2 = 22 0 22/2 = 11 0 11/2 = 5 1 5/2 = 2 1 2/2 = 1 0 1/2 = 0 1	401 401/2 = 200 1 200/2 = 100 0 100/2 = 50 0 50/2 = 25 0 25/2 = 12 1 12/2 = 6 1 6/2 = 3 0 3/2 = 1 1 1/2 = 0 1	205 205/2 = 102 1 102/2 = 51 0 51/2 = 25 1 25/2 = 12 1 12/2 = 6 0 6/2 = 3 0 3/2 = 1 1 1/2 = 0 1
157 157/2 = 78 1 78/2 = 39 0 39/2 = 19 1 19/2 = 9 1 9/2 = 4 1 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1	457 457/2 = 228 1 228/2 = 114 0 114/2 = 57 0 57/2 = 28 1 28/2 = 14 0 14/2 = 7 1 7/2 = 3 1 3/2 = 1 1 1/2 = 0 1	729 729/2 = 364 1 364/2 = 182 0 182/2 = 91 0 91/2 = 45 1 45/2 = 22 1 22/2 = 11 0 11/2 = 5 1 5/2 = 2 1 2/2 = 1 0 1/2 = 0 1	305 305/2 = 152 1 152/2 = 76 0 76/2 = 38 0 38/2 = 19 0 19/2 = 9 1 9/2 = 4 1 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1	43 43/2 = 21 1 21/2 = 10 1 10/2 = 5 1 5/2 = 2 1 2/2 = 1 0 1/2 = 0 1	365 365/2 = 182 1 182/2 = 91 0 91/2 = 45 1 45/2 = 22 1 22/2 = 11 0 11/2 = 5 1 5/2 = 2 1 2/2 = 1 0 1/2 = 0 1
301 301/2 = 150 1 150/2 = 75 0 75/2 = 37 1 37/2 = 18 1 18/2 = 9 0 9/2 = 4 1 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1	177 177/2 = 88 1 88/2 = 44 0 44/2 = 22 0 22/2 = 11 0 11/2 = 5 1 5/2 = 2 1 2/2 = 1 0 1/2 = 0 1	293 293/2 = 146 1 146/2 = 73 0 73/2 = 36 1 36/2 = 18 0 18/2 = 9 1 9/2 = 4 1 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1	189 189/2 = 94 1 94/2 = 47 0 47/2 = 23 1 23/2 = 11 1 11/2 = 5 1 5/2 = 2 1 2/2 = 1 0 1/2 = 0 1	365 365/2 = 182 1 182/2 = 91 0 91/2 = 45 1 45/2 = 22 1 22/2 = 11 0 11/2 = 5 1 5/2 = 2 1 2/2 = 1 0 1/2 = 0 1	189 189/2 = 94 1 94/2 = 47 0 47/2 = 23 1 23/2 = 11 1 11/2 = 5 1 5/2 = 2 1 2/2 = 1 0 1/2 = 0 1
369 369/2 = 184 1 184/2 = 92 0 92/2 = 46 0 46/2 = 23 0 23/2 = 11 1 11/2 = 5 1 5/2 = 2 1 2/2 = 1 0 1/2 = 0 1	325 325/2 = 162 1 162/2 = 81 0 81/2 = 40 1 40/2 = 20 0 20/2 = 10 0 10/2 = 5 0 5/2 = 2 1 2/2 = 1 0 1/2 = 0 1	361 361/2 = 180 1 180/2 = 90 0 90/2 = 45 0 45/2 = 22 1 22/2 = 11 0 11/2 = 5 1 5/2 = 2 1 2/2 = 1 0 1/2 = 0 1	165 165/2 = 82 1 82/2 = 41 0 41/2 = 20 1 20/2 = 10 0 10/2 = 5 0 5/2 = 2 1 2/2 = 1 0 1/2 = 0 1	473 473/2 = 236 1 236/2 = 118 0 118/2 = 59 0 59/2 = 29 1 29/2 = 14 1 14/2 = 7 0 7/2 = 3 1 3/2 = 1 1 1/2 = 0 1	43 43/2 = 21 1 21/2 = 10 1 10/2 = 5 1 5/2 = 2 1 2/2 = 1 0 1/2 = 0 1
389 389/2 = 194 1 194/2 = 97 0 97/2 = 48 1 48/2 = 24 0 24/2 = 12 0 12/2 = 6 0 6/2 = 3 0 3/2 = 1 1 1/2 = 0 1	389 389/2 = 194 1 194/2 = 97 0 97/2 = 48 1 48/2 = 24 0 24/2 = 12 0 12/2 = 6 0 6/2 = 3 0 3/2 = 1 1 1/2 = 0 1	361 361/2 = 180 1 180/2 = 90 0 90/2 = 45 0 45/2 = 22 1 22/2 = 11 0 11/2 = 5 1 5/2 = 2 1 2/2 = 1 0 1/2 = 0 1	165 165/2 = 82 1 82/2 = 41 0 41/2 = 20 1 20/2 = 10 0 10/2 = 5 0 5/2 = 2 1 2/2 = 1 0 1/2 = 0 1	473 473/2 = 236 1 236/2 = 118 0 118/2 = 59 0 59/2 = 29 1 29/2 = 14 1 14/2 = 7 0 7/2 = 3 1 3/2 = 1 1 1/2 = 0 1	43 43/2 = 21 1 21/2 = 10 1 10/2 = 5 1 5/2 = 2 1 2/2 = 1 0 1/2 = 0 1
57 57/2 = 28 1 28/2 = 14 0 14/2 = 7 0 7/2 = 3 1 3/2 = 1 1 1/2 = 0 1	269 269/2 = 134 1 134/2 = 67 0 67/2 = 33 1 33/2 = 16 1 16/2 = 8 0 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1	125 125/2 = 62 1 62/2 = 31 0 31/2 = 15 1 15/2 = 7 1 7/2 = 3 1 3/2 = 1 1 1/2 = 0 1	225 225/2 = 112 1 112/2 = 56 0 56/2 = 28 0 28/2 = 14 0 14/2 = 7 0 7/2 = 3 1 3/2 = 1 1 1/2 = 0 1	149 149/2 = 74 1 74/2 = 37 0 37/2 = 18 1 18/2 = 9 0 9/2 = 4 1 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1	337 337/2 = 168 1 168/2 = 84 0 84/2 = 42 0 42/2 = 21 0 21/2 = 10 1 10/2 = 5 1 5/2 = 2 1 2/2 = 1 0 1/2 = 0 1
369 369/2 = 184 1 184/2 = 92 0 92/2 = 46 0 46/2 = 23 0 23/2 = 11 1 11/2 = 5 1 5/2 = 2 1 2/2 = 1 0 1/2 = 0 1	365 365/2 = 182 1 182/2 = 91 0 91/2 = 45 1 45/2 = 22 1 22/2 = 11 0 11/2 = 5 1 5/2 = 2 1 2/2 = 1 0 1/2 = 0 1	479 479/2 = 239 1 239/2 = 119 0 119/2 = 59 1 59/2 = 29 1 29/2 = 14 1 14/2 = 7 0 7/2 = 3 1 3/2 = 1 1 1/2 = 0 1	409 409/2 = 204 1 204/2 = 102 0 102/2 = 51 0 51/2 = 25 1 25/2 = 12 1 12/2 = 6 1 6/2 = 3 0 3/2 = 1 1 1/2 = 0 1	325 325/2 = 162 1 162/2 = 81 0 81/2 = 40 1 40/2 = 20 0 20/2 = 10 0 10/2 = 5 0 5/2 = 2 1 2/2 = 1 0 1/2 = 0 1	309 309/2 = 154 1 154/2 = 77 0 77/2 = 38 1 38/2 = 19 1 19/2 = 9 1 9/2 = 4 1 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1
89 89/2 = 44 1 44/2 = 22 0 22/2 = 11 0 11/2 = 5 1 5/2 = 2 1 2/2 = 1 0 1/2 = 0 1	385 385/2 = 192 1 192/2 = 96 0 96/2 = 48 0 48/2 = 24 0 24/2 = 12 0 12/2 = 6 0 6/2 = 3 0 3/2 = 1 1 1/2 = 0 1	441 441/2 = 220 1 220/2 = 110 0 110/2 = 55 0 55/2 = 27 1 27/2 = 13 1 13/2 = 6 1 6/2 = 3 0 3/2 = 1 1 1/2 = 0 1	473 473/2 = 236 1 236/2 = 118 0 118/2 = 59 0 59/2 = 29 1 29/2 = 14 1 14/2 = 7 0 7/2 = 3 1 3/2 = 1 1 1/2 = 0 1	145 145/2 = 72 1 72/2 = 36 0 36/2 = 18 0 18/2 = 9 0 9/2 = 4 1 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1	485 485/2 = 242 1 242/2 = 121 0 121/2 = 60 1 60/2 = 30 0 30/2 = 15 0 15/2 = 7 1 7/2 = 3 1 3/2 = 1 1 1/2 = 0 1
177 177/2 = 88 1 88/2 = 44 0 44/2 = 22 0 22/2 = 11 0 11/2 = 5 1 5/2 = 2 1 2/2 = 1 0 1/2 = 0 1	449 449/2 = 224 1 224/2 = 112 0 112/2 = 56 0 56/2 = 28 0 28/2 = 14 0 14/2 = 7 0 7/2 = 3 1 3/2 = 1 1 1/2 = 0 1	445 445/2 = 222 1 222/2 = 111 0 111/2 = 55 1 55/2 = 27 1 27/2 = 13 1 13/2 = 6 1 6/2 = 3 0 3/2 = 1 1 1/2 = 0 1	473 473/2 = 236 1 236/2 = 118 0 118/2 = 59 0 59/2 = 29 1 29/2 = 14 1 14/2 = 7 0 7/2 = 3 1 3/2 = 1 1 1/2 = 0 1	65 65/2 = 32 1 32/2 = 16 0 16/2 = 8 0 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1	265 265/2 = 132 1 132/2 = 66 0 66/2 = 33 0 33/2 = 16 1 16/2 = 8 0 8/2 = 4 0 4/2 = 2 0 2/2 = 1 0 1/2 = 0 1



V. Conclusiones

El proceso de convertir números decimales a binarios nos lleva a reflexionar sobre la importancia de las representaciones numéricas en el mundo moderno, especialmente en la informática. Más allá de un simple ejercicio matemático, este aprendizaje es clave para entender cómo funcionan las computadoras y los sistemas digitales que utilizamos a diario. Nos enseña no solo sobre los sistemas numéricos, sino también sobre la eficiencia, precisión y simplicidad que hacen posible la tecnología actual. Al dominar esta habilidad, nos acercamos un paso más a comprender la base del procesamiento de datos y el funcionamiento interno de los dispositivos electrónicos, lo cual es crucial en la era digital.

Para concluir es de suma importancia conocer como realizar la conversión para posteriormente poder realizar las sumas, multiplicaciones, divisiones y restas de números binarios.