



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

I. Nombre del alumno: Aguilar Crisostomo Yasbel Natali

II. Numero de cuenta: 202423976

III. Que esperas de este aprendizaje: Con la suma de binarios se espera que el alumno haya comprendido a mayor profundidad la conversión de números decimales a binarios, así mismo que el alumno considere las reglas para realizar la suma correspondientes, y de este modo se obtenga el resultado deseado.

IV. Evidencia:

The image shows two pages of handwritten binary addition problems. Each problem consists of a decimal number, its binary equivalent, and the binary sum. The problems are arranged in a grid-like fashion on two pages.

Decimal	Binary	Sum
1853	11100111101	11100111101
593	1001010001	1001010001
2446	100110001110	100110001110
3325	11010111101	11010111101
7103	1110000011001	1110000011001
10518	10100100010110	10100100010110
5269	110101000101	110101000101
6013	101101111101	101101111101
4287	1001001000010	1001001000010
913	1110010001	1110010001
1049	11100111001	11100111001
2762	101011001010	101011001010
7173	1110000000101	1110000000101
5353	1010011101001	1010011101001
17596	11000111011110	11000111011110
6681	110100011001	110100011001
5095	1001111000101	1001111000101
17774	1011011111110	1011011111110
3869	111100011101	111100011101
2341	1001001000101	1001001000101
6210	1100001000010	1100001000010
895	1101110101	1101110101
6109	101111011101	101111011101
6994	110110101010	110110101010
2045	100000001001	100000001001
4877	100101111101	100101111101
6362	1101011001110	1101011001110
4373	1000100010101	1000100010101
629	1001110101	1001110101
5007	1001110001010	1001110001010
1697	11010100001	11010100001
4281	100010111001	100010111001
5978	1011101011010	1011101011010
325	101000101	101000101
5445	1010101000101	1010101000101
5770	1011010001010	1011010001010
909	1110001101	1110001101
4593	100011110001	100011110001
5502	101010111110	101010111110
1141	10001110101	10001110101
3445	110101110101	110101110101
4586	1000111101010	1000111101010
7977	111100101001	111100101001
5525	1010110010101	1010110010101
13502	1101001011110	1101001011110
6437	110100100101	110100100101
425	110101001	110101001
6862	1101011001110	1101011001110
489	111101001	111101001
3221	110010010101	110010010101
3710	111001111110	111001111110
1177	10010011001	10010011001
4905	1001100101001	1001100101001
6082	101111000010	101111000010
1601	11001000001	11001000001
8165	111111100101	111111100101
9766	10011000000110	10011000000110
6497	110010100001	110010100001
7361	1110011000001	1110011000001
1858	1101100010010	1101100010010



$\begin{array}{r} 2905 \\ + 4769 \\ \hline 7674 \end{array}$	$\begin{array}{r} 101101011001 \\ + 101010110101 \\ \hline 101111110101 \end{array}$	$\begin{array}{r} 2169 \\ + 8941 \\ \hline 11110 \end{array}$	$\begin{array}{r} 100001111001 \\ + 100010111011 \\ \hline 1010110110110 \end{array}$	$\begin{array}{r} 1137 \\ + 6089 \\ \hline 7226 \end{array}$	$\begin{array}{r} 100011110001 \\ + 101111100101 \\ \hline 1110001111010 \end{array}$	$\begin{array}{r} 2325 \\ + 385 \\ \hline 2710 \end{array}$	$\begin{array}{r} 100100010101 \\ + 11000001 \\ \hline 101010010110 \end{array}$
$\begin{array}{r} 4597 \\ + 1751 \\ \hline 6348 \end{array}$	$\begin{array}{r} 100011110101 \\ + 101010110101 \\ \hline 1010010101010 \end{array}$	$\begin{array}{r} 977 \\ + 8501 \\ \hline 9478 \end{array}$	$\begin{array}{r} 1111010001 \\ + 100000101101 \\ \hline 1001000111110 \end{array}$	$\begin{array}{r} 81 \\ + 7193 \\ \hline 7274 \end{array}$	$\begin{array}{r} 1010001 \\ + 111000011001 \\ \hline 111000101010 \end{array}$	$\begin{array}{r} 3193 \\ + 1665 \\ \hline 4858 \end{array}$	$\begin{array}{r} 110001110001 \\ + 1100000001 \\ \hline 100101111010 \end{array}$
$\begin{array}{r} 4987 \\ + 497 \\ \hline 5484 \end{array}$	$\begin{array}{r} 100110110001 \\ + 1111100001 \\ \hline 10110100010 \end{array}$	$\begin{array}{r} 2769 \\ + 2597 \\ \hline 5366 \end{array}$	$\begin{array}{r} 101011010001 \\ + 10100100101 \\ \hline 10101101010 \end{array}$	$\begin{array}{r} 7249 \\ + 5661 \\ \hline 12910 \end{array}$	$\begin{array}{r} 111000010001 \\ + 101100001101 \\ \hline 110010010110 \end{array}$	$\begin{array}{r} 2332 \\ + 2321 \\ \hline 4653 \end{array}$	$\begin{array}{r} 100100011001 \\ + 100100010101 \\ \hline 101000010110 \end{array}$
$\begin{array}{r} 3389 \\ + 2221 \\ \hline 5610 \end{array}$	$\begin{array}{r} 110100111101 \\ + 10001010101 \\ \hline 101011101010 \end{array}$	$\begin{array}{r} 3569 \\ + 1113 \\ \hline 4682 \end{array}$	$\begin{array}{r} 11011110001 \\ + 10001011001 \\ \hline 1001001001010 \end{array}$	$\begin{array}{r} 557 \\ + 7301 \\ \hline 7858 \end{array}$	$\begin{array}{r} 10001010101 \\ + 11001001001 \\ \hline 111011001010 \end{array}$	$\begin{array}{r} 6029 \\ + 4189 \\ \hline 10218 \end{array}$	$\begin{array}{r} 110000100101 \\ + 100101010101 \\ \hline 1010100001010 \end{array}$
$\begin{array}{r} 1245 \\ + 7621 \\ \hline 8866 \end{array}$	$\begin{array}{r} 10011011101 \\ + 1110111000101 \\ \hline 1000101010010 \end{array}$	$\begin{array}{r} 237 \\ + 6265 \\ \hline 6502 \end{array}$	$\begin{array}{r} 1110101 \\ + 110001111001 \\ \hline 1100101100110 \end{array}$	$\begin{array}{r} 7545 \\ + 8337 \\ \hline 15882 \end{array}$	$\begin{array}{r} 110101111001 \\ + 1000100110101 \\ \hline 1111110101110 \end{array}$	$\begin{array}{r} 1365 \\ + 5193 \\ \hline 6558 \end{array}$	$\begin{array}{r} 10101010101 \\ + 101001001001 \\ \hline 110010011110 \end{array}$
$\begin{array}{r} 873 \\ + 8361 \\ \hline 9234 \end{array}$	$\begin{array}{r} 11011010001 \\ + 1000001010101 \\ \hline 1001000001010 \end{array}$	$\begin{array}{r} 3577 \\ + 4385 \\ \hline 7962 \end{array}$	$\begin{array}{r} 11011111001 \\ + 100010101001 \\ \hline 111110011010 \end{array}$	$\begin{array}{r} 5069 \\ + 6421 \\ \hline 11490 \end{array}$	$\begin{array}{r} 101111111001 \\ + 1100100010101 \\ \hline 1001010001010 \end{array}$	$\begin{array}{r} 3553 \\ + 4461 \\ \hline 8014 \end{array}$	$\begin{array}{r} 110111100001 \\ + 100010101101 \\ \hline 1111101001110 \end{array}$
$\begin{array}{r} 1953 \\ + 1321 \\ \hline 3274 \end{array}$	$\begin{array}{r} 11110100001 \\ + 10100101001 \\ \hline 11001001010 \end{array}$	$\begin{array}{r} 6269 \\ + 345 \\ \hline 6614 \end{array}$	$\begin{array}{r} 1100001111101 \\ + 101011001 \\ \hline 1100111010110 \end{array}$	$\begin{array}{r} 1565 \\ + 2921 \\ \hline 4486 \end{array}$	$\begin{array}{r} 11000011101 \\ + 101101101001 \\ \hline 1000110000110 \end{array}$	$\begin{array}{r} 7761 \\ + 6565 \\ \hline 14326 \end{array}$	$\begin{array}{r} 1111001010001 \\ + 110010100101 \\ \hline 1101111011010 \end{array}$
$\begin{array}{r} 1197 \\ + 4701 \\ \hline 5898 \end{array}$	$\begin{array}{r} 10010101101 \\ + 100100101101 \\ \hline 1011100001010 \end{array}$	$\begin{array}{r} 753 \\ + 4449 \\ \hline 5202 \end{array}$	$\begin{array}{r} 1011110001 \\ + 10001010001 \\ \hline 1010010100010 \end{array}$	$\begin{array}{r} 7495 \\ + 5201 \\ \hline 12696 \end{array}$	$\begin{array}{r} 1110100000001 \\ + 1010010100001 \\ \hline 11001101000010 \end{array}$	$\begin{array}{r} 533 \\ + 8108 \\ \hline 8741 \end{array}$	$\begin{array}{r} 1000010101 \\ + 111111111001 \\ \hline 1000100000110 \end{array}$

$\begin{array}{r} 3709 \\ + 2097 \\ \hline 5806 \end{array}$	$\begin{array}{r} 110011111001 \\ + 100001110001 \\ \hline 10101010110 \end{array}$	$\begin{array}{r} 5553 \\ + 1601 \\ \hline 7154 \end{array}$	$\begin{array}{r} 1010110110001 \\ + 11001000001 \\ \hline 110111100010 \end{array}$	$\begin{array}{r} 5421 \\ + 6953 \\ \hline 12374 \end{array}$	$\begin{array}{r} 101011011001 \\ + 10101010101 \\ \hline 10110110010 \end{array}$	$\begin{array}{r} 2265 \\ + 1913 \\ \hline 4178 \end{array}$	$\begin{array}{r} 10001101001 \\ + 1101111001 \\ \hline 10000010010 \end{array}$
$\begin{array}{r} 5305 \\ + 411 \\ \hline 5802 \end{array}$	$\begin{array}{r} 101010000001 \\ + 11010001 \\ \hline 101010101010 \end{array}$	$\begin{array}{r} 169 \\ + 389 \\ \hline 558 \end{array}$	$\begin{array}{r} 10101001 \\ + 10000101 \\ \hline 100010110 \end{array}$	$\begin{array}{r} 6905 \\ + 777 \\ \hline 7682 \end{array}$	$\begin{array}{r} 110101111001 \\ + 110001001 \\ \hline 11100000010 \end{array}$	$\begin{array}{r} 8319 \\ + 4141 \\ \hline 12460 \end{array}$	$\begin{array}{r} 1000000111111 \\ + 1100111000101 \\ \hline 110100000110 \end{array}$
$\begin{array}{r} 3081 \\ + 453 \\ \hline 4534 \end{array}$	$\begin{array}{r} 111100001001 \\ + 1110011001 \\ \hline 100011100010 \end{array}$	$\begin{array}{r} 3745 \\ + 2441 \\ \hline 6186 \end{array}$	$\begin{array}{r} 111010100001 \\ + 10010001001 \\ \hline 110000101010 \end{array}$	$\begin{array}{r} 1357 \\ + 7317 \\ \hline 8674 \end{array}$	$\begin{array}{r} 1010100001 \\ + 11110010101 \\ \hline 1000011100010 \end{array}$	$\begin{array}{r} 5001 \\ + 2949 \\ \hline 8050 \end{array}$	$\begin{array}{r} 101011100001 \\ + 10010010001 \\ \hline 11110110010 \end{array}$
$\begin{array}{r} 1677 \\ + 1353 \\ \hline 3030 \end{array}$	$\begin{array}{r} 11000010001 \\ + 101010010 \\ \hline 10101110010 \end{array}$	$\begin{array}{r} 6909 \\ + 5205 \\ \hline 12114 \end{array}$	$\begin{array}{r} 110011111001 \\ + 101000110101 \\ \hline 101110100010 \end{array}$	$\begin{array}{r} 5197 \\ + 5749 \\ \hline 10946 \end{array}$	$\begin{array}{r} 101000100101 \\ + 101100110101 \\ \hline 1001011000010 \end{array}$	$\begin{array}{r} 3997 \\ + 4165 \\ \hline 8162 \end{array}$	$\begin{array}{r} 11110011001 \\ + 10000100001 \\ \hline 111111100010 \end{array}$
$\begin{array}{r} 2905 \\ + 7601 \\ \hline 10506 \end{array}$	$\begin{array}{r} 10110101001 \\ + 11101011001 \\ \hline 100010101010 \end{array}$	$\begin{array}{r} 1945 \\ + 2043 \\ \hline 3988 \end{array}$	$\begin{array}{r} 1100001001 \\ + 1000010101 \\ \hline 1100010110 \end{array}$	$\begin{array}{r} 7909 \\ + 4997 \\ \hline 12906 \end{array}$	$\begin{array}{r} 1111011100101 \\ + 1001110000101 \\ \hline 110010101010 \end{array}$	$\begin{array}{r} 6973 \\ + 4265 \\ \hline 11238 \end{array}$	$\begin{array}{r} 11010011101 \\ + 100001010001 \\ \hline 1010111100110 \end{array}$
$\begin{array}{r} 6773 \\ + 7497 \\ \hline 14270 \end{array}$	$\begin{array}{r} 110101110101 \\ + 1101010001 \\ \hline 110111011110 \end{array}$	$\begin{array}{r} 8369 \\ + 297 \\ \hline 8666 \end{array}$	$\begin{array}{r} 1000000110001 \\ + 1001010101 \\ \hline 10000110110 \end{array}$	$\begin{array}{r} 313 \\ + 4465 \\ \hline 4778 \end{array}$	$\begin{array}{r} 100111001 \\ + 10010110001 \\ \hline 101001001110 \end{array}$	$\begin{array}{r} 5925 \\ + 7689 \\ \hline 13614 \end{array}$	$\begin{array}{r} 1011001000101 \\ + 1111000001001 \\ \hline 110100101110 \end{array}$
$\begin{array}{r} 5605 \\ + 169 \\ \hline 5854 \end{array}$	$\begin{array}{r} 1011000110101 \\ + 10101001 \\ \hline 101101101110 \end{array}$	$\begin{array}{r} 5229 \\ + 425 \\ \hline 5654 \end{array}$	$\begin{array}{r} 101000110101 \\ + 10101001 \\ \hline 10100001010 \end{array}$	$\begin{array}{r} 6769 \\ + 2977 \\ \hline 9746 \end{array}$	$\begin{array}{r} 1101001110001 \\ + 1001100000101 \\ \hline 1001100001010 \end{array}$	$\begin{array}{r} 7149 \\ + 117 \\ \hline 7366 \end{array}$	$\begin{array}{r} 11011110101 \\ + 10110001 \\ \hline 11001001110 \end{array}$
$\begin{array}{r} 8917 \\ + 3689 \\ \hline 12606 \end{array}$	$\begin{array}{r} 111101001101 \\ + 11100110001 \\ \hline 111011011010 \end{array}$	$\begin{array}{r} 1233 \\ + 4425 \\ \hline 5658 \end{array}$	$\begin{array}{r} 10011010001 \\ + 10001010001 \\ \hline 101000101010 \end{array}$	$\begin{array}{r} 4269 \\ + 817 \\ \hline 5086 \end{array}$	$\begin{array}{r} 1000010101101 \\ + 1100110001 \\ \hline 100111101110 \end{array}$	$\begin{array}{r} 1265 \\ + 4281 \\ \hline 5546 \end{array}$	$\begin{array}{r} 10011110001 \\ + 100001011001 \\ \hline 101010101010 \end{array}$
$\begin{array}{r} 2393 \\ + 6893 \\ \hline 9286 \end{array}$	$\begin{array}{r} 100101011001 \\ + 11010110101 \\ \hline 10010001000110 \end{array}$	$\begin{array}{r} 5437 \\ + 8849 \\ \hline 14286 \end{array}$	$\begin{array}{r} 1010100111101 \\ + 10001010001 \\ \hline 1101111001110 \end{array}$	$\begin{array}{r} 601 \\ + 3637 \\ \hline 4238 \end{array}$	$\begin{array}{r} 10010101001 \\ + 11100110101 \\ \hline 1000010001110 \end{array}$	$\begin{array}{r} 2825 \\ + 6457 \\ \hline 9282 \end{array}$	$\begin{array}{r} 101100001001 \\ + 100100111001 \\ \hline 1010001000010 \end{array}$
$\begin{array}{r} 4781 \\ + 7077 \\ \hline 11858 \end{array}$	$\begin{array}{r} 1001010101101 \\ + 11011010101 \\ \hline 1011100101010 \end{array}$	$\begin{array}{r} 6097 \\ + 3989 \\ \hline 10086 \end{array}$	$\begin{array}{r} 101111010001 \\ + 11110010101 \\ \hline 1001101010010 \end{array}$	$\begin{array}{r} 8225 \\ + 9445 \\ \hline 17670 \end{array}$	$\begin{array}{r} 1000000000001 \\ + 1011000000001 \\ \hline 11010101000010 \end{array}$	$\begin{array}{r} 569 \\ + 3437 \\ \hline 4006 \end{array}$	$\begin{array}{r} 1000101 \\ + 10110011001 \\ \hline 101110111010 \end{array}$





$\begin{array}{r} 1381 \\ + 1564 \\ \hline 2945 \end{array}$	$\begin{array}{r} 10101100101 \\ + 11000100001 \\ \hline 10111000110 \end{array}$	$\begin{array}{r} 1453 \\ + 8781 \\ \hline 10234 \end{array}$	$\begin{array}{r} 10110101101 \\ + 10001001001 \\ \hline 10011111110 \end{array}$	$\begin{array}{r} 2377 \\ + 2637 \\ \hline 5014 \end{array}$	$\begin{array}{r} 10110100101 \\ + 1010101101 \\ \hline 10011100101 \end{array}$	$\begin{array}{r} 8073 \\ + 9133 \\ \hline 10210 \end{array}$	$\begin{array}{r} 111110001101 \\ + 10001010101 \\ \hline 101111110010 \end{array}$
$\begin{array}{r} 1677 \\ + 5925 \\ \hline 7602 \end{array}$	$\begin{array}{r} 11001010001 \\ + 10101011001 \\ \hline 11011000010 \end{array}$	$\begin{array}{r} 161 \\ + 3921 \\ \hline 3982 \end{array}$	$\begin{array}{r} 101000001 \\ + 11011101101 \\ \hline 11111000110 \end{array}$	$\begin{array}{r} 3365 \\ + 7681 \\ \hline 11046 \end{array}$	$\begin{array}{r} 11010100101 \\ + 11110000001 \\ \hline 10101101010 \end{array}$	$\begin{array}{r} 7005 \\ + 7865 \\ \hline 14870 \end{array}$	$\begin{array}{r} 11010101101 \\ + 11100111001 \\ \hline 11100010110 \end{array}$
$\begin{array}{r} 5617 \\ + 1061 \\ \hline 6678 \end{array}$	$\begin{array}{r} 101011110001 \\ + 1000100101 \\ \hline 110100010110 \end{array}$	$\begin{array}{r} 2489 \\ + 5 \\ \hline 2494 \end{array}$	$\begin{array}{r} 10011011101 \\ + 1011011110 \\ \hline 10011011110 \end{array}$	$\begin{array}{r} 933 \\ + 8629 \\ \hline 9562 \end{array}$	$\begin{array}{r} 111010001 \\ + 10001101101 \\ \hline 10010101101 \end{array}$	$\begin{array}{r} 5077 \\ + 6385 \\ \hline 11462 \end{array}$	$\begin{array}{r} 100111010101 \\ + 11001111001 \\ \hline 101101100110 \end{array}$
$\begin{array}{r} 7593 \\ + 8537 \\ \hline 15930 \end{array}$	$\begin{array}{r} 1110110101001 \\ + 10000101001 \\ \hline 1111100111010 \end{array}$	$\begin{array}{r} 1827 \\ + 1945 \\ \hline 3668 \end{array}$	$\begin{array}{r} 11100011101 \\ + 1110011001 \\ \hline 11100101001 \end{array}$	$\begin{array}{r} 1009 \\ + 733 \\ \hline 9742 \end{array}$	$\begin{array}{r} 1110110101 \\ + 11100100101 \\ \hline 1001000011010 \end{array}$	$\begin{array}{r} 3707 \\ + 4445 \\ \hline 8646 \end{array}$	$\begin{array}{r} 11100110101 \\ + 10011010001 \\ \hline 100011100010 \end{array}$
$\begin{array}{r} 1599 \\ + 2797 \\ \hline 4396 \end{array}$	$\begin{array}{r} 11000001101 \\ + 10101101101 \\ \hline 10001111010 \end{array}$	$\begin{array}{r} 8717 \\ + 1749 \\ \hline 10466 \end{array}$	$\begin{array}{r} 1000100001101 \\ + 11011010101 \\ \hline 1010011100010 \end{array}$	$\begin{array}{r} 7489 \\ + 6409 \\ \hline 13898 \end{array}$	$\begin{array}{r} 111010100001 \\ + 100100001001 \\ \hline 10110070010 \end{array}$	$\begin{array}{r} 5409 \\ + 7337 \\ \hline 12746 \end{array}$	$\begin{array}{r} 101010010001 \\ + 11010111101 \\ \hline 11001101110 \end{array}$
$\begin{array}{r} 477 \\ + 3165 \\ \hline 3742 \end{array}$	$\begin{array}{r} 111011101 \\ + 11001100001 \\ \hline 11101011110 \end{array}$	$\begin{array}{r} 8677 \\ + 1729 \\ \hline 10406 \end{array}$	$\begin{array}{r} 1000111100101 \\ + 11011010101 \\ \hline 101001010110 \end{array}$	$\begin{array}{r} 4203 \\ + 597 \\ \hline 9750 \end{array}$	$\begin{array}{r} 1000100001 \\ + 10101010001 \\ \hline 100110001010 \end{array}$	$\begin{array}{r} 3297 \\ + 7369 \\ \hline 10656 \end{array}$	$\begin{array}{r} 11001110001 \\ + 1101010101 \\ \hline 10101101010 \end{array}$
$\begin{array}{r} 8945 \\ + 6229 \\ \hline 15174 \end{array}$	$\begin{array}{r} 1000001111101 \\ + 1100001010101 \\ \hline 1100010101010 \end{array}$	$\begin{array}{r} 5109 \\ + 1473 \\ \hline 6662 \end{array}$	$\begin{array}{r} 101001000101 \\ + 10111000010 \\ \hline 101010000110 \end{array}$	$\begin{array}{r} 7445 \\ + 345 \\ \hline 4790 \end{array}$	$\begin{array}{r} 10001111001 \\ + 10111100101 \\ \hline 10000101110 \end{array}$	$\begin{array}{r} 6085 \\ + 4409 \\ \hline 11394 \end{array}$	$\begin{array}{r} 110101001001 \\ + 10001010101 \\ \hline 101000100010 \end{array}$
$\begin{array}{r} 6653 \\ + 3869 \\ \hline 10522 \end{array}$	$\begin{array}{r} 110011101001 \\ + 11100101101 \\ \hline 1010010000110 \end{array}$	$\begin{array}{r} 3629 \\ + 7673 \\ \hline 11302 \end{array}$	$\begin{array}{r} 111000101101 \\ + 11011111001 \\ \hline 1011000100110 \end{array}$	$\begin{array}{r} 7303 \\ + 25 \\ \hline 7328 \end{array}$	$\begin{array}{r} 110011100001 \\ + 1101 \\ \hline 1100111010 \end{array}$	$\begin{array}{r} 3449 \\ + 7747 \\ \hline 6196 \end{array}$	$\begin{array}{r} 11010111001 \\ + 10101010101 \\ \hline 110001010110 \end{array}$
$\begin{array}{r} 6553 \\ + 5973 \\ \hline 12526 \end{array}$	$\begin{array}{r} 1100110011001 \\ + 101101010101 \\ \hline 1100011010110 \end{array}$	$\begin{array}{r} 2233 \\ + 1649 \\ \hline 3882 \end{array}$	$\begin{array}{r} 100010111001 \\ + 11001110001 \\ \hline 111100101010 \end{array}$	$\begin{array}{r} 7009 \\ + 304 \\ \hline 10398 \end{array}$	$\begin{array}{r} 110110110001 \\ + 1101101101 \\ \hline 100100001110 \end{array}$	$\begin{array}{r} 329 \\ + 4573 \\ \hline 4842 \end{array}$	$\begin{array}{r} 101001001 \\ + 100011010001 \\ \hline 100101101010 \end{array}$
$\begin{array}{r} 6805 \\ + 3949 \\ \hline 10754 \end{array}$	$\begin{array}{r} 110101010101 \\ + 111011010101 \\ \hline 1010100000010 \end{array}$	$\begin{array}{r} 2753 \\ + 2069 \\ \hline 4822 \end{array}$	$\begin{array}{r} 101011000001 \\ + 10000010101 \\ \hline 1001011010110 \end{array}$	$\begin{array}{r} 8949 \\ + 7325 \\ \hline 16274 \end{array}$	$\begin{array}{r} 1000101110101 \\ + 11100011101 \\ \hline 1111000110010 \end{array}$	$\begin{array}{r} 2905 \\ + 2405 \\ \hline 5310 \end{array}$	$\begin{array}{r} 101101011001 \\ + 100101101001 \\ \hline 100001100010 \end{array}$

$\begin{array}{r} 4469 \\ + 833 \\ \hline 5302 \end{array}$	$\begin{array}{r} 100010110101 \\ + 11001010001 \\ \hline 11100010110 \end{array}$	$\begin{array}{r} 1425 \\ + 205 \\ \hline 1630 \end{array}$	$\begin{array}{r} 10110010001 \\ + 11001101 \\ \hline 1001011110 \end{array}$	$\begin{array}{r} 741 \\ + 5185 \\ \hline 5966 \end{array}$	$\begin{array}{r} 1011010101 \\ + 10100010001 \\ \hline 10101010110 \end{array}$	$\begin{array}{r} 2177 \\ + 8341 \\ \hline 5718 \end{array}$	$\begin{array}{r} 10001000001 \\ + 11011010101 \\ \hline 101101010110 \end{array}$
$\begin{array}{r} 9165 \\ + 7345 \\ \hline 16510 \end{array}$	$\begin{array}{r} 1111111000101 \\ + 10101000001 \\ \hline 1001010001010 \end{array}$	$\begin{array}{r} 9709 \\ + 1981 \\ \hline 11566 \end{array}$	$\begin{array}{r} 1000100000101 \\ + 1010010101 \\ \hline 10101010110 \end{array}$	$\begin{array}{r} 1797 \\ + 613 \\ \hline 2410 \end{array}$	$\begin{array}{r} 111000000101 \\ + 1011010101 \\ \hline 100101101010 \end{array}$	$\begin{array}{r} 6441 \\ + 6481 \\ \hline 12922 \end{array}$	$\begin{array}{r} 110010010101 \\ + 10110101101 \\ \hline 110001000110 \end{array}$
$\begin{array}{r} 5277 \\ + 6765 \\ \hline 12042 \end{array}$	$\begin{array}{r} 101010011101 \\ + 10100110101 \\ \hline 1011100001010 \end{array}$	$\begin{array}{r} 7205 \\ + 4813 \\ \hline 12018 \end{array}$	$\begin{array}{r} 1110000100101 \\ + 1001100001001 \\ \hline 1011100101110 \end{array}$	$\begin{array}{r} 6617 \\ + 5273 \\ \hline 11890 \end{array}$	$\begin{array}{r} 11001110101 \\ + 10100011101 \\ \hline 101110011010 \end{array}$	$\begin{array}{r} 3891 \\ + 901 \\ \hline 4792 \end{array}$	$\begin{array}{r} 11010111101 \\ + 110000101 \\ \hline 100011010010 \end{array}$
$\begin{array}{r} 7573 \\ + 6833 \\ \hline 14406 \end{array}$	$\begin{array}{r} 111010010101 \\ + 11010101001 \\ \hline 1110000100110 \end{array}$	$\begin{array}{r} 4957 \\ + 5377 \\ \hline 10334 \end{array}$	$\begin{array}{r} 1001010010101 \\ + 1010011000101 \\ \hline 1001101011010 \end{array}$	$\begin{array}{r} 4701 \\ + 2437 \\ \hline 7138 \end{array}$	$\begin{array}{r} 10001011101 \\ + 1011010110 \\ \hline 11011010110 \end{array}$	$\begin{array}{r} 5805 \\ + 589 \\ \hline 6394 \end{array}$	$\begin{array}{r} 10101010101 \\ + 100100110 \\ \hline 110001111010 \end{array}$
$\begin{array}{r} 5049 \\ + 2277 \\ \hline 7326 \end{array}$	$\begin{array}{r} 101101011101 \\ + 10001100101 \\ \hline 1000000100010 \end{array}$	$\begin{array}{r} 6189 \\ + 7229 \\ \hline 13418 \end{array}$	$\begin{array}{r} 1100001010101 \\ + 111000111101 \\ \hline 1100001101010 \end{array}$	$\begin{array}{r} 5473 \\ + 2949 \\ \hline 8422 \end{array}$	$\begin{array}{r} 101010100001 \\ + 10110000101 \\ \hline 100001100110 \end{array}$	$\begin{array}{r} 4361 \\ + 1877 \\ \hline 6238 \end{array}$	$\begin{array}{r} 100010001001 \\ + 1101010101 \\ \hline 110001011110 \end{array}$
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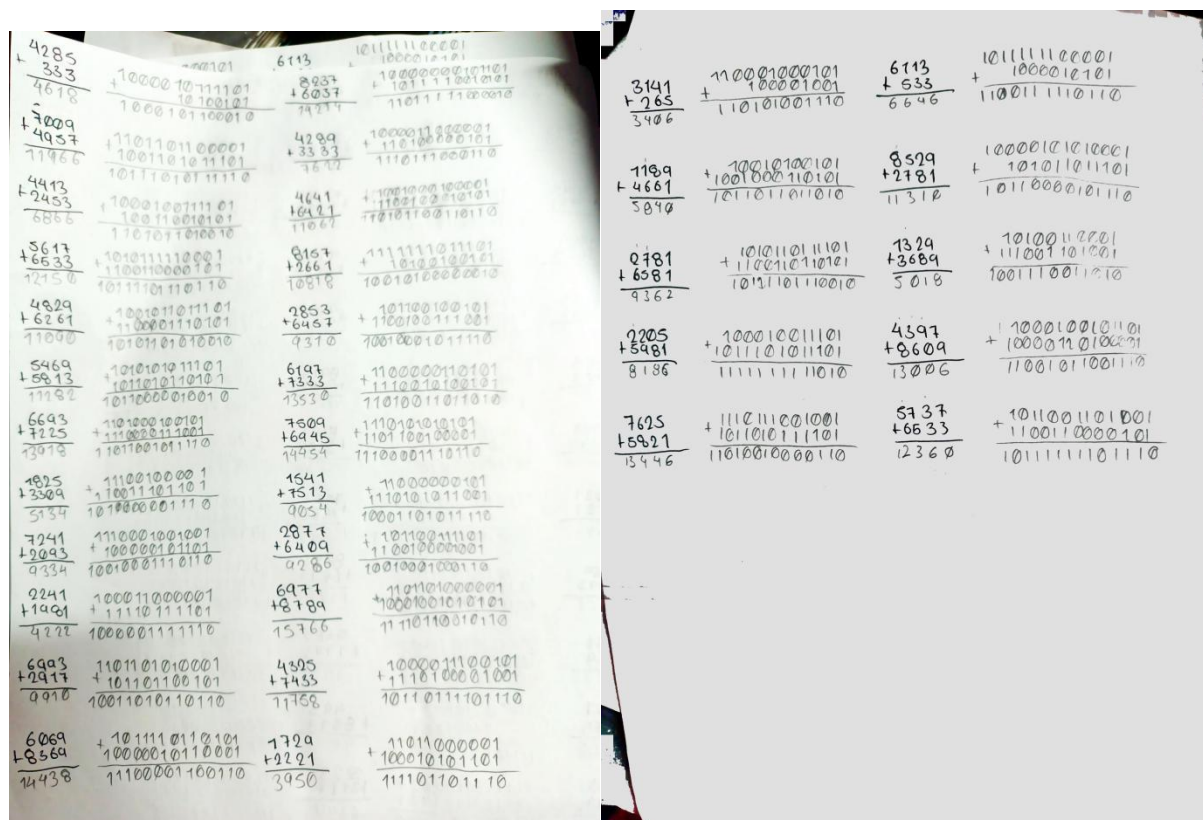
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1044 +4413 5462	1000011001 +100010011101 10101010101	6797 +2865 10662	110101001101 +11100011001 1010011010010	8651 +1085 9737	100001101101 +1000011101 100101111010	8709 +7613 5322	101001001101 +1010011101 100001200010
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## V. Conclusiones:

El proceso de aprender y completar la suma de números binarios no solo refuerza habilidades matemáticas fundamentales, sino que también sienta las bases para una comprensión más profunda del funcionamiento interno de los sistemas digitales. La suma binaria está en el corazón de la aritmética realizada por los procesadores, y dominar este proceso proporciona una base sólida para abordar conceptos más avanzados, como la manipulación de bits, el diseño de hardware y la optimización de software. Además, esta habilidad es crucial en campos como la criptografía, la seguridad informática y el diseño de sistemas embebidos. Conocer y manejar la suma binaria no solo nos permite entender cómo operan las computadoras, sino que también nos prepara para aplicar este conocimiento en la resolución de problemas complejos en la tecnología moderna.