

## OPERACIONES ARITMÉTICAS

a) Calcule los resultados y luego halle los complementos restringidos y auténticos.

$$\begin{array}{r} 100011_2 \\ + 111110_2 \\ \hline \end{array}$$

$$\begin{array}{r} 100101_2 \\ + 100101_2 \\ \hline \end{array}$$

$$\begin{array}{r} 101100_2 \\ + 111100_2 \\ \hline \end{array}$$

$$\begin{array}{r} 100011_2 \\ + 110110_2 \\ \hline \end{array}$$

$$\begin{array}{r} 111001_2 \\ + 100011_2 \\ \hline \end{array}$$

$$\begin{array}{r} 101001_2 \\ + 110101_2 \\ \hline \end{array}$$

$$\begin{array}{r} 110100_2 \\ + 111000_2 \\ \hline \end{array}$$

$$\begin{array}{r} 110011_2 \\ + 100110_2 \\ \hline \end{array}$$

$$\begin{array}{r} 101101_2 \\ + 110110_2 \\ \hline \end{array}$$

$$\begin{array}{r} 111001_2 \\ + 100000_2 \\ \hline \end{array}$$

$$\begin{array}{r} 110100_2 \\ + 110000_2 \\ \hline \end{array}$$

$$\begin{array}{r} 100110_2 \\ + 101101_2 \\ \hline \end{array}$$

$$\begin{array}{r} 111000_2 \\ + 101001_2 \\ \hline \end{array}$$

$$\begin{array}{r} 110111_2 \\ + 110001_2 \\ \hline \end{array}$$

$$\begin{array}{r} 110011_2 \\ + 100011_2 \\ \hline \end{array}$$

$$\begin{array}{r} 111110_2 \\ + 111011_2 \\ \hline \end{array}$$

$$\begin{array}{r} 100100_2 \\ + 101010_2 \\ \hline \end{array}$$

$$\begin{array}{r} 100101_2 \\ + 111010_2 \\ \hline \end{array}$$

$$\begin{array}{r} 100100_2 \\ + 110010_2 \\ \hline \end{array}$$

$$\begin{array}{r} 110010_2 \\ + 101011_2 \\ \hline \end{array}$$

$$\begin{array}{r} 2202_3 \\ + 1000_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2222_3 \\ + 1020_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1022_3 \\ + 2200_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1002_3 \\ + 1000_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2011_3 \\ + 2112_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1220_3 \\ + 2102_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2111_3 \\ + 2000_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2120_3 \\ + 2212_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1111_3 \\ + 1010_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1121_3 \\ + 1112_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2202_3 \\ + 1222_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2200_3 \\ + 1001_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1120_3 \\ + 1211_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1020_3 \\ + 2121_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2110_3 \\ + 2102_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1210_3 \\ + 2002_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2020_3 \\ + 1200_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1220_3 \\ + 2011_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2212_3 \\ + 2221_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2211_3 \\ + 2122_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1021_4 \\ + 3332_4 \\ \hline \end{array}$$

$$\begin{array}{r} 3111_4 \\ + 1201_4 \\ \hline \end{array}$$

$$\begin{array}{r} 3320_4 \\ + 3022_4 \\ \hline \end{array}$$

$$\begin{array}{r} 1033_4 \\ + 3233_4 \\ \hline \end{array}$$

$$\begin{array}{r} 3332_4 \\ + 2320_4 \\ \hline \end{array}$$

$$\begin{array}{r} 1211_4 \\ + 3200_4 \\ \hline \end{array}$$

$$\begin{array}{r} 2103_4 \\ + 2320_4 \\ \hline \end{array}$$

$$\begin{array}{r} 2222_4 \\ + 1033_4 \\ \hline \end{array}$$

$$\begin{array}{r} 3323_4 \\ + 2121_4 \\ \hline \end{array}$$

$$\begin{array}{r} 1313_4 \\ + 1202_4 \\ \hline \end{array}$$

$$\begin{array}{r} 2221_4 \\ + 2303_4 \\ \hline \end{array}$$

$$\begin{array}{r} 2031_4 \\ + 3333_4 \\ \hline \end{array}$$

$$\begin{array}{r} 3232_4 \\ + 1012_4 \\ \hline \end{array}$$

$$\begin{array}{r} 3211_4 \\ + 3201_4 \\ \hline \end{array}$$

$$\begin{array}{r} 3213_4 \\ + 1100_4 \\ \hline \end{array}$$

$$\begin{array}{r} 3331_4 \\ + 3312_4 \\ \hline \end{array}$$

$$\begin{array}{r} 1211_4 \\ + 2132_4 \\ \hline \end{array}$$

$$\begin{array}{r} 1312_4 \\ + 1312_4 \\ \hline \end{array}$$

$$\begin{array}{r} 1220_4 \\ + 3300_4 \\ \hline \end{array}$$

$$\begin{array}{r} 1030_4 \\ + 1001_4 \\ \hline \end{array}$$



$$\begin{array}{r} 1300_5 \\ + 2002_5 \\ \hline \end{array}$$

$$\begin{array}{r} 3133_5 \\ + 2340_5 \\ \hline \end{array}$$

$$\begin{array}{r} 2213_5 \\ + 3322_5 \\ \hline \end{array}$$

$$\begin{array}{r} 2243_5 \\ + 4104_5 \\ \hline \end{array}$$

$$\begin{array}{r} 2330_5 \\ + 1314_5 \\ \hline \end{array}$$

$$\begin{array}{r} 2311_5 \\ + 1301_5 \\ \hline \end{array}$$

$$\begin{array}{r} 2410_5 \\ + 4410_5 \\ \hline \end{array}$$

$$\begin{array}{r} 3222_5 \\ + 3032_5 \\ \hline \end{array}$$

$$\begin{array}{r} 3142_5 \\ + 1320_5 \\ \hline \end{array}$$

$$\begin{array}{r} 2003_5 \\ + 4421_5 \\ \hline \end{array}$$

$$\begin{array}{r} 2112_5 \\ + 3131_5 \\ \hline \end{array}$$

$$\begin{array}{r} 3240_5 \\ + 3130_5 \\ \hline \end{array}$$

$$\begin{array}{r} 4221_5 \\ + 4022_5 \\ \hline \end{array}$$

$$\begin{array}{r} 3323_5 \\ + 2402_5 \\ \hline \end{array}$$

$$\begin{array}{r} 1431_5 \\ + 1244_5 \\ \hline \end{array}$$

$$\begin{array}{r} 2222_5 \\ + 3134_5 \\ \hline \end{array}$$

$$\begin{array}{r} 2403_5 \\ + 4440_5 \\ \hline \end{array}$$

$$\begin{array}{r} 3132_5 \\ + 1241_5 \\ \hline \end{array}$$

$$\begin{array}{r} 2133_5 \\ + 1431_5 \\ \hline \end{array}$$

$$\begin{array}{r} 1421_5 \\ + 3422_5 \\ \hline \end{array}$$

$$\begin{array}{r} 4202_6 \\ + 4005_6 \\ \hline \end{array}$$

$$\begin{array}{r} 1540_6 \\ + 2223_6 \\ \hline \end{array}$$

$$\begin{array}{r} 4513_6 \\ + 5430_6 \\ \hline \end{array}$$

$$\begin{array}{r} 2155_6 \\ + 1352_6 \\ \hline \end{array}$$

$$\begin{array}{r} 2533_6 \\ + 4214_6 \\ \hline \end{array}$$

$$\begin{array}{r} 1311_6 \\ + 3135_6 \\ \hline \end{array}$$

$$\begin{array}{r} 5014_6 \\ + 5401_6 \\ \hline \end{array}$$

$$\begin{array}{r} 3010_6 \\ + 1334_6 \\ \hline \end{array}$$

$$\begin{array}{r} 4244_6 \\ + 2451_6 \\ \hline \end{array}$$

$$\begin{array}{r} 5050_6 \\ + 2402_6 \\ \hline \end{array}$$

$$\begin{array}{r} 2435_6 \\ + 2000_6 \\ \hline \end{array}$$

$$\begin{array}{r} 1013_6 \\ + 1450_6 \\ \hline \end{array}$$

$$\begin{array}{r} 4133_6 \\ + 2351_6 \\ \hline \end{array}$$

$$\begin{array}{r} 4152_6 \\ + 5240_6 \\ \hline \end{array}$$

$$\begin{array}{r} 4205_6 \\ + 2400_6 \\ \hline \end{array}$$

$$\begin{array}{r} 4333_6 \\ + 3332_6 \\ \hline \end{array}$$

$$\begin{array}{r} 5033_6 \\ + 4041_6 \\ \hline \end{array}$$

$$\begin{array}{r} 1303_6 \\ + 2223_6 \\ \hline \end{array}$$

$$\begin{array}{r} 4142_6 \\ + 5242_6 \\ \hline \end{array}$$

$$\begin{array}{r} 5514_6 \\ + 2544_6 \\ \hline \end{array}$$

$$\begin{array}{r} 4030_8 \\ + 7454_8 \\ \hline \end{array}$$

$$\begin{array}{r} 2545_8 \\ + 6000_8 \\ \hline \end{array}$$

$$\begin{array}{r} 1227_8 \\ + 4736_8 \\ \hline \end{array}$$

$$\begin{array}{r} 4542_8 \\ + 3020_8 \\ \hline \end{array}$$

$$\begin{array}{r} 1016_8 \\ + 6550_8 \\ \hline \end{array}$$

$$\begin{array}{r} 7064_8 \\ + 1455_8 \\ \hline \end{array}$$

$$\begin{array}{r} 4631_8 \\ + 4175_8 \\ \hline \end{array}$$

$$\begin{array}{r} 6301_8 \\ + 2360_8 \\ \hline \end{array}$$

$$\begin{array}{r} 1545_8 \\ + 7725_8 \\ \hline \end{array}$$

$$\begin{array}{r} 4640_8 \\ + 5405_8 \\ \hline \end{array}$$

$$\begin{array}{r} 1266_8 \\ + 2502_8 \\ \hline \end{array}$$

$$\begin{array}{r} 2254_8 \\ + 4340_8 \\ \hline \end{array}$$

$$\begin{array}{r} 6451_8 \\ + 3675_8 \\ \hline \end{array}$$

$$\begin{array}{r} 4104_8 \\ + 3123_8 \\ \hline \end{array}$$

$$\begin{array}{r} 5173_8 \\ + 2655_8 \\ \hline \end{array}$$

$$\begin{array}{r} 7557_8 \\ + 6656_8 \\ \hline \end{array}$$

$$\begin{array}{r} 5735_8 \\ + 2100_8 \\ \hline \end{array}$$

$$\begin{array}{r} 2240_8 \\ + 3206_8 \\ \hline \end{array}$$

$$\begin{array}{r} 4171_8 \\ + 7212_8 \\ \hline \end{array}$$

$$\begin{array}{r} 4330_8 \\ + 7310_8 \\ \hline \end{array}$$

$$\begin{array}{r} 242C_{16} \\ + 17F1_{16} \\ \hline \end{array}$$

$$\begin{array}{r} 66F4_{16} \\ + 2A73_{16} \\ \hline \end{array}$$

$$\begin{array}{r} 554E_{16} \\ + 62E4_{16} \\ \hline \end{array}$$

$$\begin{array}{r} 8842_{16} \\ + 89EE_{16} \\ \hline \end{array}$$

$$\begin{array}{r} B39E_{16} \\ + 4798_{16} \\ \hline \end{array}$$

$$\begin{array}{r} 5C9D_{16} \\ + 60B9_{16} \\ \hline \end{array}$$

$$\begin{array}{r} 712A_{16} \\ + 7636_{16} \\ \hline \end{array}$$

$$\begin{array}{r} 1B63_{16} \\ + CE1A_{16} \\ \hline \end{array}$$

$$\begin{array}{r} A979_{16} \\ + 6D71_{16} \\ \hline \end{array}$$

$$\begin{array}{r} C696_{16} \\ + 98BE_{16} \\ \hline \end{array}$$

$$\begin{array}{r} D653_{16} \\ + 1BFD_{16} \\ \hline \end{array}$$

$$\begin{array}{r} B2F2_{16} \\ + E373_{16} \\ \hline \end{array}$$

$$\begin{array}{r} 941A_{16} \\ + B9A8_{16} \\ \hline \end{array}$$

$$\begin{array}{r} D685_{16} \\ + 43C8_{16} \\ \hline \end{array}$$

$$\begin{array}{r} D72E_{16} \\ + EC3E_{16} \\ \hline \end{array}$$

$$\begin{array}{r} 57C3_{16} \\ + B0C9_{16} \\ \hline \end{array}$$

$$\begin{array}{r} 3EEA_{16} \\ + E4EE_{16} \\ \hline \end{array}$$

$$\begin{array}{r} 8B68_{16} \\ + 36C8_{16} \\ \hline \end{array}$$

$$\begin{array}{r} B90E_{16} \\ + D69F_{16} \\ \hline \end{array}$$

$$\begin{array}{r} E709_{16} \\ + EC1E_{16} \\ \hline \end{array}$$

$$\begin{array}{r} 10212_3 \\ - 1021_3 \\ \hline \end{array}$$

$$\begin{array}{r} 11222_3 \\ - 2212_3 \\ \hline \end{array}$$

$$\begin{array}{r} 11122_3 \\ - 2122_3 \\ \hline \end{array}$$

$$\begin{array}{r} 11121_3 \\ - 2020_3 \\ \hline \end{array}$$

$$\begin{array}{r} 11002_3 \\ - 2212_3 \\ \hline \end{array}$$

$$\begin{array}{r} 11000_3 \\ - 1210_3 \\ \hline \end{array}$$

$$\begin{array}{r} 10020_3 \\ - 1012_3 \\ \hline \end{array}$$

$$\begin{array}{r} 10210_3 \\ - 2120_3 \\ \hline \end{array}$$

$$\begin{array}{r} 12001_3 \\ - 2012_3 \\ \hline \end{array}$$

$$\begin{array}{r} 11102_3 \\ - 1122_3 \\ \hline \end{array}$$

$$\begin{array}{r} 11011_3 \\ - 1211_3 \\ \hline \end{array}$$

$$\begin{array}{r} 10021_3 \\ - 2000_3 \\ \hline \end{array}$$

$$\begin{array}{r} 10012_3 \\ - 1021_3 \\ \hline \end{array}$$

$$\begin{array}{r} 11102_3 \\ - 2220_3 \\ \hline \end{array}$$

$$\begin{array}{r} 10002_3 \\ - 2000_3 \\ \hline \end{array}$$

$$\begin{array}{r} 10002_3 \\ - 1220_3 \\ \hline \end{array}$$

$$\begin{array}{r} 10101_3 \\ - 1010_3 \\ \hline \end{array}$$

$$\begin{array}{r} 12002_3 \\ - 2221_3 \\ \hline \end{array}$$

$$\begin{array}{r} 10202_3 \\ - 1220_3 \\ \hline \end{array}$$

$$\begin{array}{r} 10121_3 \\ - 1022_3 \\ \hline \end{array}$$



$$\begin{array}{r} 3112_4 \\ - 2002_4 \\ \hline \end{array}$$

$$\begin{array}{r} 12312_4 \\ - 3000_4 \\ \hline \end{array}$$

$$\begin{array}{r} 12220_4 \\ - 3112_4 \\ \hline \end{array}$$

$$\begin{array}{r} 12312_4 \\ - 3322_4 \\ \hline \end{array}$$

$$\begin{array}{r} 3033_4 \\ - 2033_4 \\ \hline \end{array}$$

$$\begin{array}{r} 11102_4 \\ - 2130_4 \\ \hline \end{array}$$

$$\begin{array}{r} 13131_4 \\ - 3320_4 \\ \hline \end{array}$$

$$\begin{array}{r} 11232_4 \\ - 3213_4 \\ \hline \end{array}$$

$$\begin{array}{r} 10220_4 \\ - 1321_4 \\ \hline \end{array}$$

$$\begin{array}{r} 11102_4 \\ - 3223_4 \\ \hline \end{array}$$

$$\begin{array}{r} 11000_4 \\ - 1231_4 \\ \hline \end{array}$$

$$\begin{array}{r} 12123_4 \\ - 3132_4 \\ \hline \end{array}$$

$$\begin{array}{r} 10312_4 \\ - 2211_4 \\ \hline \end{array}$$

$$\begin{array}{r} 10122_4 \\ - 3122_4 \\ \hline \end{array}$$

$$\begin{array}{r} 12013_4 \\ - 2211_4 \\ \hline \end{array}$$

$$\begin{array}{r} 11122_4 \\ - 3210_4 \\ \hline \end{array}$$

$$\begin{array}{r} 10302_4 \\ - 1202_4 \\ \hline \end{array}$$

$$\begin{array}{r} 10202_4 \\ - 3120_4 \\ \hline \end{array}$$

$$\begin{array}{r} 2032_4 \\ - 1012_4 \\ \hline \end{array}$$

$$\begin{array}{r} 10112_4 \\ - 2130_4 \\ \hline \end{array}$$

$$\begin{array}{r} 3031_5 \\ - 1404_5 \\ \hline \end{array}$$

$$\begin{array}{r} 11030_5 \\ - 3332_5 \\ \hline \end{array}$$

$$\begin{array}{r} 12202_5 \\ - 4312_5 \\ \hline \end{array}$$

$$\begin{array}{r} 12243_5 \\ - 4132_5 \\ \hline \end{array}$$

$$\begin{array}{r} 2110_5 \\ - 1033_5 \\ \hline \end{array}$$

$$\begin{array}{r} 12020_5 \\ - 3444_5 \\ \hline \end{array}$$

$$\begin{array}{r} 3234_5 \\ - 2210_5 \\ \hline \end{array}$$

$$\begin{array}{r} 14001_5 \\ - 4031_5 \\ \hline \end{array}$$

$$\begin{array}{r} 4000_5 \\ - 1442_5 \\ \hline \end{array}$$

$$\begin{array}{r} 12020_5 \\ - 3224_5 \\ \hline \end{array}$$

$$\begin{array}{r} 4123_5 \\ - 1130_5 \\ \hline \end{array}$$

$$\begin{array}{r} 10213_5 \\ - 2114_5 \\ \hline \end{array}$$

$$\begin{array}{r} 11103_5 \\ - 2043_5 \\ \hline \end{array}$$

$$\begin{array}{r} 4034_5 \\ - 2323_5 \\ \hline \end{array}$$

$$\begin{array}{r} 11033_5 \\ - 4112_5 \\ \hline \end{array}$$

$$\begin{array}{r} 11440_5 \\ - 2013_5 \\ \hline \end{array}$$

$$\begin{array}{r} 11333_5 \\ - 3233_5 \\ \hline \end{array}$$

$$\begin{array}{r} 11344_5 \\ - 4101_5 \\ \hline \end{array}$$

$$\begin{array}{r} 11421_5 \\ - 2123_5 \\ \hline \end{array}$$

$$\begin{array}{r} 4101_5 \\ - 2420_5 \\ \hline \end{array}$$



$$\begin{array}{r} 10521_6 \\ - 3251_6 \\ \hline \end{array}$$

$$\begin{array}{r} 11533_6 \\ - 3235_6 \\ \hline \end{array}$$

$$\begin{array}{r} 11133_6 \\ - 1303_6 \\ \hline \end{array}$$

$$\begin{array}{r} 11120_6 \\ - 4051_6 \\ \hline \end{array}$$

$$\begin{array}{r} 5540_6 \\ - 1333_6 \\ \hline \end{array}$$

$$\begin{array}{r} 11053_6 \\ - 4113_6 \\ \hline \end{array}$$

$$\begin{array}{r} 10300_6 \\ - 3502_6 \\ \hline \end{array}$$

$$\begin{array}{r} 10143_6 \\ - 2115_6 \\ \hline \end{array}$$

$$\begin{array}{r} 15041_6 \\ - 5355_6 \\ \hline \end{array}$$

$$\begin{array}{r} 4412_6 \\ - 2444_6 \\ \hline \end{array}$$

$$\begin{array}{r} 13244_6 \\ - 4212_6 \\ \hline \end{array}$$

$$\begin{array}{r} 5322_6 \\ - 2215_6 \\ \hline \end{array}$$

$$\begin{array}{r} 5215_6 \\ - 3503_6 \\ \hline \end{array}$$

$$\begin{array}{r} 10030_6 \\ - 3342_6 \\ \hline \end{array}$$

$$\begin{array}{r} 10514_6 \\ - 4501_6 \\ \hline \end{array}$$

$$\begin{array}{r} 10253_6 \\ - 4353_6 \\ \hline \end{array}$$

$$\begin{array}{r} 13151_6 \\ - 4450_6 \\ \hline \end{array}$$

$$\begin{array}{r} 5030_6 \\ - 1334_6 \\ \hline \end{array}$$

$$\begin{array}{r} 5211_6 \\ - 3440_6 \\ \hline \end{array}$$

$$\begin{array}{r} 2441_6 \\ - 1123_6 \\ \hline \end{array}$$

$$\begin{array}{r} 10432_8 \\ - 7330_8 \\ \hline \end{array}$$

$$\begin{array}{r} 12401_8 \\ - 7263_8 \\ \hline \end{array}$$

$$\begin{array}{r} 5276_8 \\ - 2231_8 \\ \hline \end{array}$$

$$\begin{array}{r} 14672_8 \\ - 4763_8 \\ \hline \end{array}$$

$$\begin{array}{r} 2434_8 \\ - 1343_8 \\ \hline \end{array}$$

$$\begin{array}{r} 10202_8 \\ - 4064_8 \\ \hline \end{array}$$

$$\begin{array}{r} 7616_8 \\ - 1013_8 \\ \hline \end{array}$$

$$\begin{array}{r} 11176_8 \\ - 5031_8 \\ \hline \end{array}$$

$$\begin{array}{r} 3052_8 \\ - 1635_8 \\ \hline \end{array}$$

$$\begin{array}{r} 4542_8 \\ - 3271_8 \\ \hline \end{array}$$

$$\begin{array}{r} 10707_8 \\ - 2754_8 \\ \hline \end{array}$$

$$\begin{array}{r} 11454_8 \\ - 3532_8 \\ \hline \end{array}$$

$$\begin{array}{r} 11044_8 \\ - 3661_8 \\ \hline \end{array}$$

$$\begin{array}{r} 6524_8 \\ - 2141_8 \\ \hline \end{array}$$

$$\begin{array}{r} 14013_8 \\ - 5147_8 \\ \hline \end{array}$$

$$\begin{array}{r} 10732_8 \\ - 1333_8 \\ \hline \end{array}$$

$$\begin{array}{r} 3403_8 \\ - 2316_8 \\ \hline \end{array}$$

$$\begin{array}{r} 5636_8 \\ - 1163_8 \\ \hline \end{array}$$

$$\begin{array}{r} 12132_8 \\ - 7220_8 \\ \hline \end{array}$$

$$\begin{array}{r} 4165_8 \\ - 1240_8 \\ \hline \end{array}$$

$$\begin{array}{r} E960_{16} \\ - AADD_{16} \end{array}$$

$$\begin{array}{r} FD8A_{16} \\ - 1A5B_{16} \end{array}$$

$$\begin{array}{r} 16CB_{16} \\ - 7C80_{16} \end{array}$$

$$\begin{array}{r} 7E3B_{16} \\ - 1AC8_{16} \end{array}$$

$$\begin{array}{r} 198CB_{16} \\ - E177_{16} \end{array}$$

$$\begin{array}{r} 4D12_{16} \\ - 29B0_{16} \end{array}$$

$$\begin{array}{r} 8381_{16} \\ - 6EC1_{16} \end{array}$$

$$\begin{array}{r} 10D88_{16} \\ - DB7F_{16} \end{array}$$

$$\begin{array}{r} 98CF_{16} \\ - 6399_{16} \end{array}$$

$$\begin{array}{r} 108DA_{16} \\ - B42B_{16} \end{array}$$

$$\begin{array}{r} 1541C_{16} \\ - BC19_{16} \end{array}$$

$$\begin{array}{r} EFC2_{16} \\ - CB4A_{16} \end{array}$$

$$\begin{array}{r} 8BC1_{16} \\ - 1EF7_{16} \end{array}$$

$$\begin{array}{r} 99ED_{16} \\ - 62AE_{16} \end{array}$$

$$\begin{array}{r} FF7A_{16} \\ - 302B_{16} \end{array}$$

$$\begin{array}{r} BDA9_{16} \\ - 8527_{16} \end{array}$$

$$\begin{array}{r} 14B3C_{16} \\ - 823D_{16} \end{array}$$

$$\begin{array}{r} 85FD_{16} \\ - 621A_{16} \end{array}$$

$$\begin{array}{r} E8C2_{16} \\ - 67BF_{16} \end{array}$$

$$\begin{array}{r} 1B9CC_{16} \\ - D5C8_{16} \end{array}$$

$$\begin{array}{r} 1100_2 \\ \times 110_2 \end{array}$$

$$\begin{array}{r} 10101_2 \\ \times 11_2 \end{array}$$

$$\begin{array}{r} 11100_2 \\ \times 101_2 \end{array}$$

$$\begin{array}{r} 10110_2 \\ \times 11_2 \end{array}$$



$$\begin{array}{r} 1010_2 \\ \times 110_2 \\ \hline \end{array}$$

$$\begin{array}{r} 11001_2 \\ \times 111_2 \\ \hline \end{array}$$

$$\begin{array}{r} 10101_2 \\ \times 11_2 \\ \hline \end{array}$$

$$\begin{array}{r} 4435_6 \\ \times 43_6 \\ \hline \end{array}$$

$$\begin{array}{r} 5304_6 \\ \times 41_6 \\ \hline \end{array}$$

$$\begin{array}{r} 4025_6 \\ \times 55_6 \\ \hline \end{array}$$

$$\begin{array}{r} 5220_6 \\ \times 23_6 \\ \hline \end{array}$$

$$\begin{array}{r} 2453_6 \\ \times 54_6 \\ \hline \end{array}$$

$$\begin{array}{r} 5424_6 \\ \times 14_6 \\ \hline \end{array}$$

$$\begin{array}{r} 443_6 \\ \times 22_6 \\ \hline \end{array}$$

$$\begin{array}{r} 4435_6 \\ \times 43_6 \\ \hline \end{array}$$

$$\begin{array}{r} 5304_6 \\ \times 41_6 \\ \hline \end{array}$$

$$\begin{array}{r} 4025_6 \\ \times 55_6 \\ \hline \end{array}$$

$$\begin{array}{r} 2151_6 \\ \times 14_6 \\ \hline \end{array}$$

$$\begin{array}{r} 500_6 \\ \times 42_6 \\ \hline \end{array}$$

$$\begin{array}{r} 5220_6 \\ \times 23_6 \\ \hline \end{array}$$

$$\begin{array}{r} 2453_6 \\ \times 54_6 \\ \hline \end{array}$$



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$$\begin{array}{r} F610_{16} \\ \times BE_{16} \\ \hline \end{array}$$

$$\begin{array}{r} 483E_{16} \\ \times B6_{16} \\ \hline \end{array}$$

$$\begin{array}{r} 47A1_{16} \\ \times DB_{16} \\ \hline \end{array}$$

$$\begin{array}{r} 8C02_{16} \\ \times 87_{16} \\ \hline \end{array}$$

$$101010_2 | \underline{110_2}$$

$$1111000_2 | \underline{100_2}$$

$$100011_2 | \underline{111_2}$$

$$11110_2 | \underline{10_2}$$

$$10111010_2 | \underline{110_2}$$

$$10101000_2 | \underline{111_2}$$

$$110111_2 | \underline{101_2}$$

$$1100100_2 | \underline{100_2}$$

$$1000110_2 | \underline{101_2}$$

$$1110111_2 | \underline{111_2}$$

$$1010_2 | \underline{10_2}$$

$$1000101_2 | \underline{11_2}$$

$$101010_2 | \underline{11_2}$$

$$1011100_2 | \underline{100_2}$$

$$1010100_2 | \underline{100_2}$$

$$110000_2 | \underline{110_2}$$

$$1000010_2 | \underline{110_2}$$

$$110000_2 | \underline{11_2}$$

$$1111101_2 | \underline{101_2}$$

$$1111101_2 | \underline{101_2}$$

$184783_{16} | \underline{B5_{16}}$

$A1E81E_{16} | \underline{F6_{16}}$

$563616_{16} | \underline{7A_{16}}$

$4D3EF2_{16} | \underline{C9_{16}}$

$5F8604_{16} | \underline{83_{16}}$

$3B2260_{16} | \underline{E0_{16}}$

$39B660_{16} | \underline{50_{16}}$

$3FD780_{16} | \underline{40_{16}}$

$471918_{16} | \underline{56_{16}}$

$483120_{16} | \underline{DF_{16}}$

$37A6DC_{16} | \underline{F6_{16}}$

$C8A2E9_{16} | \underline{F5_{16}}$

**b) Restar utilizando complementos**

- |                                |                               |                               |
|--------------------------------|-------------------------------|-------------------------------|
| • $(10100)_2 - (101000)_2$     | • $(11111)_2 - (111101)_2$    | • $(1001110)_2 - (111000)_2$  |
| • $(100100)_2 - (111100)_2$    | • $(110101)_2 - (1010011)_2$  | • $(11110)_2 - (111111)_2$    |
| • $(16B7E)_{16} - (CEDF)_{16}$ | • $(5B9E)_{16} - (733C)_{16}$ | • $(DDA9)_{16} - (6E98)_{16}$ |
| • $(11DAA)_{16} - (3737)_{16}$ | • $(B6FE)_{16} - (7C35)_{16}$ | • $(A2E1)_{16} - (13B7)_{16}$ |
| • $(613)_8 - (5051)_8$         | • $(12071)_8 - (7031)_8$      | • $(4411)_8 - (3626)_8$       |
| • $(1036)_8 - (3050)_8$        | • $(5575)_8 - (3626)_8$       | • $(5705)_8 - (1363)_8$       |
| • $(5303)_6 - (1045)_6$        | • $(5341)_6 - (3340)_6$       | • $(5302)_6 - (13053)_6$      |
| • $(13553)_6 - (5431)_6$       | • $(4145)_6 - (7045)_6$       | • $(2434)_6 - (5321)_6$       |