Nome: _____**MATHEUS MIKSZA**_____

1) Efetue as seguintes operações nas bases especificadas:

a) 31752_8 + 6735_8 = 40707

b) $2A5BEF_{16}$ + $9C829_{16}$ = 342418

c) 1100111101_2 + 101110110_2 = 10010110011

d) 3645_8 + 2764_8 = 6631

e) 37742_8 + 26573_8 = 76535

f) 356_7 + 442_7 = 1231

g) 211312_4 + 121313_4 = 333231

h) 110011110_2 + 110111111_2 = 1101011101

i) 3251_8 + 2167_8 = 5440

j) $2EC3BA_{16}$ + $7C35EA_{16}$ = AAF9A4

k) 1011101_2 + 1111001_2 = 11010110

l) 1110000101_2 + 1000011111_2 = 10110100100

m) 312321_4 + 112213_4 = 1031200

n) $2AC79_{16}$ + $B7EEC_{16}$ = E2B65

o) $2748E_{16}$ + $FA7B5_{16}$ = 121C43

p) 217_8 + 173_8 = 412

2) Efetue as seguintes operações nas bases especificadas:

a) $64B2E_{16}$ − $27EBA_{16}$ = 3CC74

b) 2351_8 − 1763_8 = 366

c) 543_6 − 455_6 = 44

d) 43321_5 − 2344_5 = 40422

e) 11001000010_2 − $11\ 1111\ 1111_2$ = 1001000011

f) 10001101000_2 − 101101101_2 = 11000011

g) $43DAB_{16}$ − $3EFFA_{16}$ = 4DB1

h) 100010_2 − 11101_2 = 101

i) $110000001101_2 - 10110011101_2 = 11001110000$

j) $35A3_{16} - 2FEC_{16} = 5B7$

k) $37425_8 - 14766_8 = 22537$

l) $1001001_2 - 111100_2 = 1101$

ALGUMAS RESOLUÇÕES A MAIORIA FIZ DE CABEÇA

ADIÇÃO DE BASE 8

$\overset{1\ 2\ 1\ 2}{}$
3677
1537
2527
1 0 1 65

21 = 16 : 5
14 - 8 : 6
17 - 16 : 1

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a) $31752_8 + 6735_8 =$

$\overset{1\ 1\ 1}{}$
31752
6735
40707

15 - 8 =

B) 2A5BEF + 9C829

$\overset{1\ 1\ 1\ 1\ 1}{}$
2A5BEF +
9C829
342418

---

c) $\overset{1\ \ 1\ 1\ 1\ 1\ 1}{}$ 1100111101
  0101100110
  10010110011

D) $\overset{1\ 1\ 1}{}$
3645
2764
6631 8

E) $\overset{1\ 1\ 1}{}$ 37742
  26573 8
  76535

F) 356 + 442

$\overset{1\ 1}{}$
356
442
1233 8

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g) $\overset{2\ 1\ 1\ 3\ 1\ 2}{}$
  3 2 1 3 1 3
  3 3 3 231 4