

Colegio Aguamansa
www.aguamansa.es

Algoritmos
para la

SUMA

2^o parte

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Estrategia: " Busca el diez "

a) $9 + 2 =$

b) $9 + 3 =$

c) $9 + 4 =$

d) $9 + 5 =$

e) $9 + 6 =$

f) $9 + 7 =$

g) $9 + 8 =$

h) $8 + 3 =$

i) $8 + 4 =$

j) $8 + 5 =$

k) $8 + 6 =$

l) $8 + 7 =$

l) $7 + 4 =$

m) $7 + 5 =$

n) $7 + 6 =$

ñ) $6 + 5 =$

o) $3 + 9 =$

p) $8 + 4 =$

q) $5 + 7 =$

r) $6 + 9 =$

s) $5 + 8 =$

t) $4 + 7 =$

u) $3 + 8 + 1 =$

v) $4 + 7 + 2 =$

w) $5 + 6 + 1 =$

x) $8 + 5 + 1 =$

y) $1 + 6 + 8 =$

z) $2 + 7 + 4 =$

l) $9 + 4 + 3 =$

2) $2 + 8 + 1 =$

3) $0 + 4 + 2 =$

4) $1 + 2 + 1 =$

5) $1 + 0 + 1 =$

Estrategia:

a) $9 + 2 =$

$90 + 20 = 110$

$900 + 200 = 1.100$

b) $9 + 3 =$

c) $9 + 4 =$

d) $9 + 5 =$

e) $9 + 6 =$

f) $9 + 7 =$

g) $9 + 8 =$

h) $8 + 3 =$

i) $8 + 4 =$

j) $8 + 5 =$

k) $8 + 6 =$

Estrategia dobles más 1 o más 2

$$\textcircled{5} + 6 = 11$$

$$5 + 7 =$$

$$6 + 7 =$$

$$7 + 8 =$$

$$6 + 8 =$$

$$7 + 9 =$$

$$8 + 9 =$$

$$7 + 5 =$$

$$15 + 15$$

$$20 + 10$$

$$30$$

$$16 + 17$$

$$15 + 17$$

$$26 + 28$$

$$37 + 19$$

$$45 + 16$$

$$37 + 19$$

$$58 + 27$$

$$\begin{array}{r} a) \quad 1 \\ \quad 11 \\ + 111 \\ \hline \end{array}$$

$$\begin{array}{r} b) \quad 21 \\ \quad 33 \\ + 42 \\ \hline \end{array}$$

$$\begin{array}{r} c) \quad 3 \\ \quad 321 \\ + 23 \\ \hline \end{array}$$

$$\begin{array}{r} d) \quad 12 \\ \quad 28 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} e) \quad 1 \\ \quad 23 \\ + 456 \\ \hline \end{array}$$

$$\begin{array}{r} f) \quad 101 \\ \quad 21 \\ + 202 \\ \hline \end{array}$$

$$\begin{array}{r} g) \quad 12 \\ \quad 12 \\ + 12 \\ \hline \end{array}$$

$$\begin{array}{r} h) \quad 22 \\ \quad 33 \\ + 44 \\ \hline \end{array}$$

$$\begin{array}{r} i) \quad 21 \\ \quad 31 \\ + 12 \\ \hline \end{array}$$

$$\begin{array}{r} j) \quad 120 \\ \quad 42 \\ + 18 \\ \hline \end{array}$$

$$\begin{array}{r} k) \quad 91 \\ + 19 \\ \hline \end{array}$$

$$\begin{array}{r} l) \quad 122 \\ + 18 \\ \hline \end{array}$$

$$\begin{array}{r} m) \quad 2 \\ \quad 200 \\ \quad 20 \\ + 2.000 \\ \hline \end{array}$$

$$\begin{array}{r} n) \quad 6 \\ \quad 16 \\ \quad 4 \\ + 25 \\ \hline \end{array}$$

$$\begin{array}{r} o) \quad 230 \\ \quad 41 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} p) \quad 6 \\ \quad 8 \\ + 35 \\ \hline \end{array}$$

Calcula

Hoja nº 2

$$\begin{array}{r} a) \ 26 \\ + \ 43 \\ \hline 41 \end{array}$$

$$\begin{array}{r} b) \ 8 \\ \ 23 \\ + \ 12 \\ \hline \end{array}$$

$$\begin{array}{r} c) \ 40 \\ \ 25 \\ + \ 15 \\ \hline \end{array}$$

$$\begin{array}{r} d) \ 42 \\ \ 8 \\ + \ 6 \\ \hline \end{array}$$

$$\begin{array}{r} e) \ 6 \\ \ 14 \\ + \ 58 \\ \hline \end{array}$$

$$\begin{array}{r} f) \ 83 \\ \ 7 \\ + \ 43 \\ \hline \end{array}$$

$$\begin{array}{r} g) \ 6 \\ \ 23 \\ + \ 17 \\ \hline 1 \end{array}$$

$$\begin{array}{r} h) \ 3 \\ \ 9 \\ \ 25 \\ + \ 1 \\ \hline \end{array}$$

$$\begin{array}{r} i) \ 3 \\ \ 24 \\ + \ 7 \\ \hline 10 \end{array}$$

$$\begin{array}{r} j) \ 22^6 \\ \ 4 \\ + \ 3 \\ \hline \end{array}$$

$$\begin{array}{r} k) \ 2 \\ \ 33 \\ + \ 22 \\ \hline 3 \end{array}$$

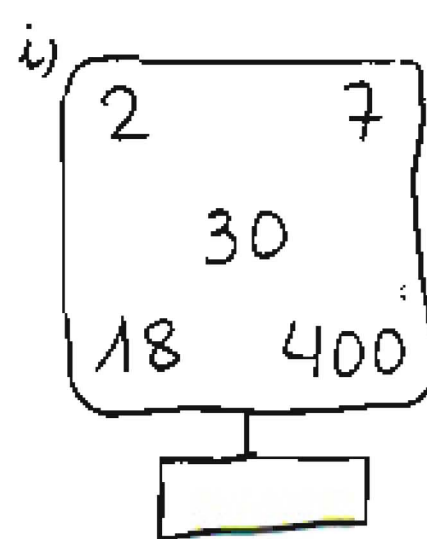
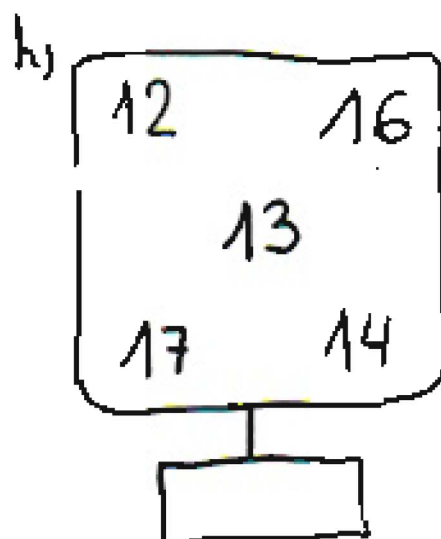
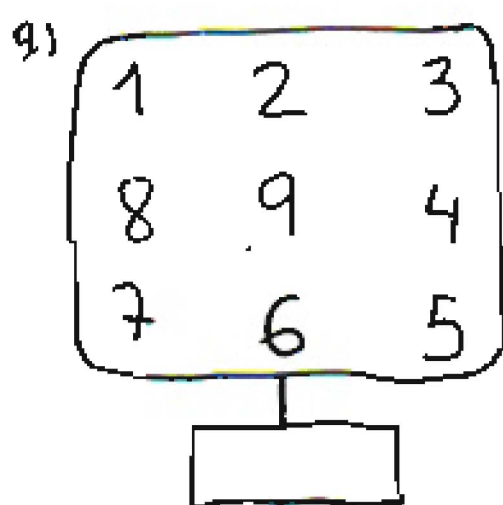
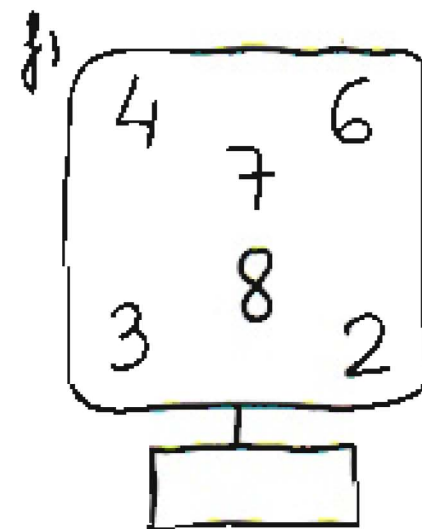
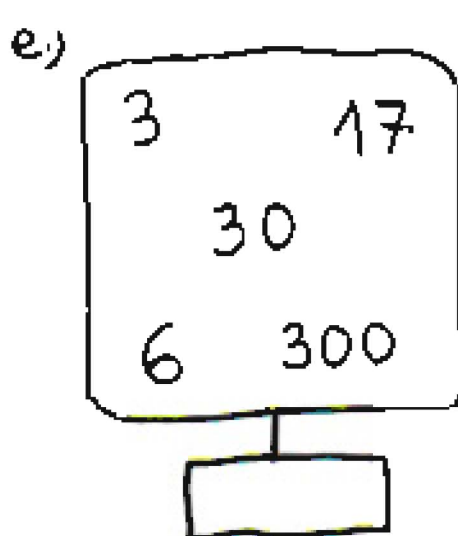
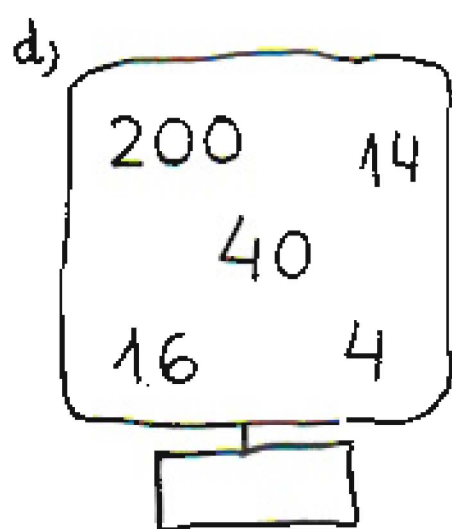
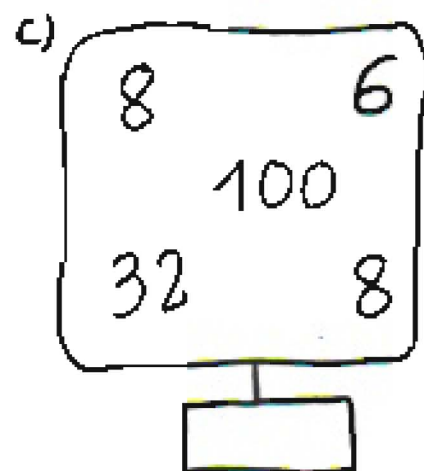
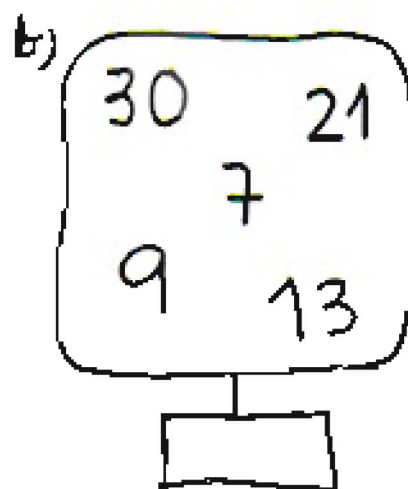
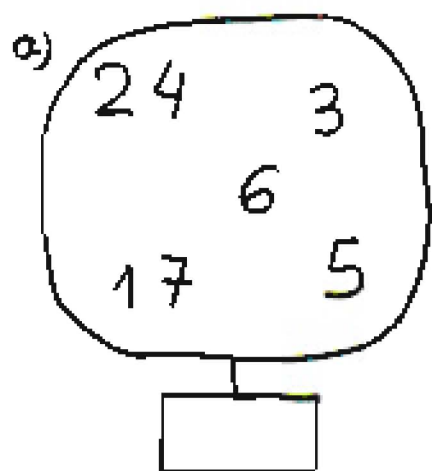
$$\begin{array}{r} l) \ 200 \\ \ 40 \\ + \ 100 \\ \hline 10 \end{array}$$

$$m) \ 8 + 4 + 2 + 6 + 20 = \quad n) \ 200 + 6 + 10 + 4 =$$

$$o) \ 10 + 42 + 8 + 1 = \quad p) \ 100 + 30 + 24 + 6 =$$

Calcula

hoja n: 3.



j) $9 + 8 + 7 + 1 + 2 + 3 =$

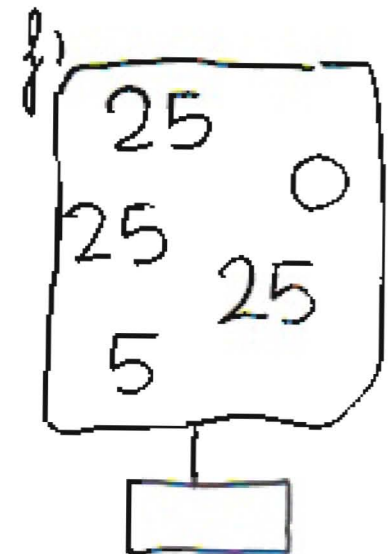
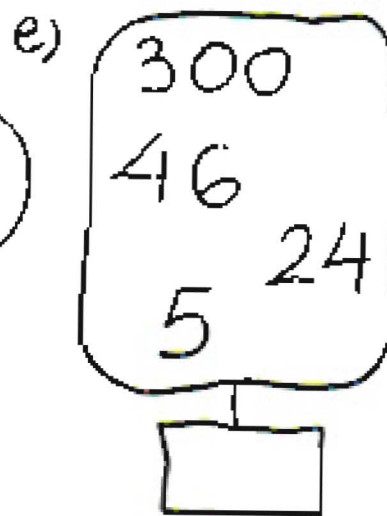
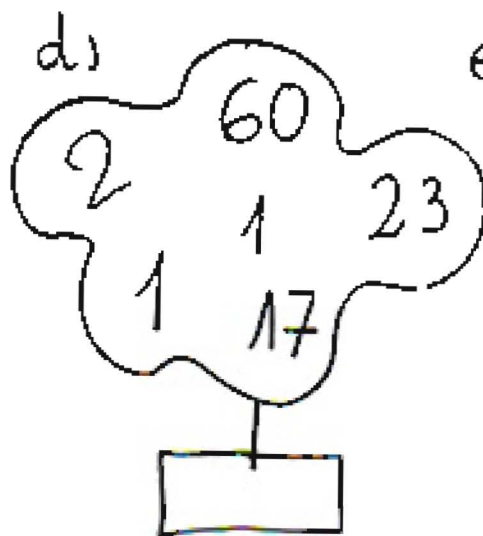
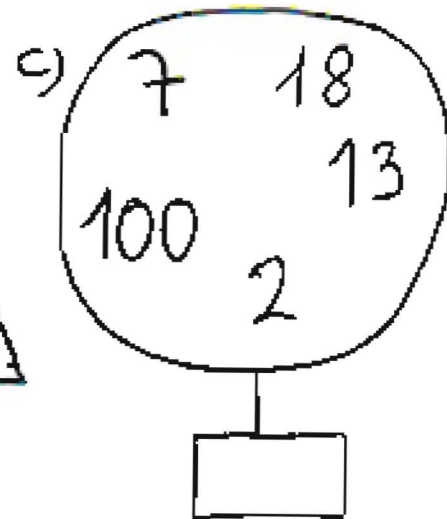
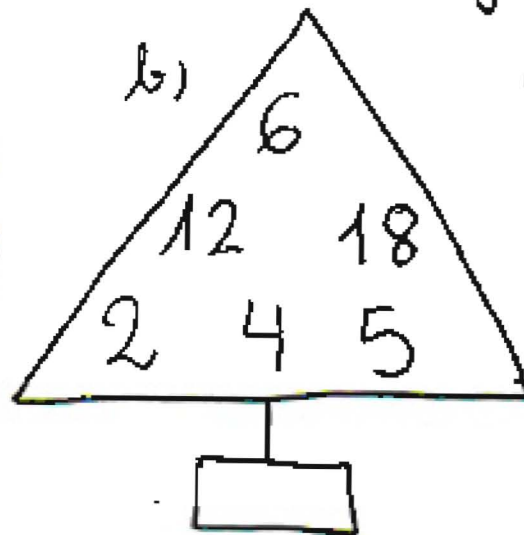
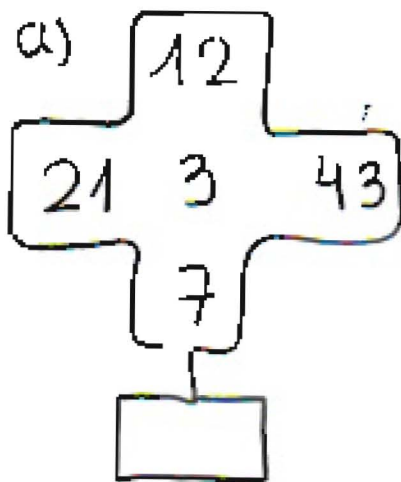
l) $33 + 7 + 12 =$

k) $23 + 7 + 10 + 2 =$

ll) $9 + 31 + 8 =$

Calcula

Hoja nº 4



g)

$$\begin{array}{r} 62 \\ + 34 \\ + 8 \\ \hline 11 \end{array}$$

h)

$$\begin{array}{r} 2 \\ 22 \\ + 222 \\ \hline \end{array}$$

i)

$$\begin{array}{r} 22 \\ 111 \\ + 33 \\ \hline \end{array}$$

j)

$$\begin{array}{r} 6 \\ 28 \\ + 74 \\ \hline \end{array}$$

k) $2 + 14 + 18 + 6 =$

l) $21 + 19 + 21 =$

m) $100 + 20 + 0 + 7 =$

n) $7 + 7 + 7 + 7 =$

a)

100 23
17 201

b)

$$\begin{array}{r} 292 \\ 110 \\ 30 \\ + 5 \\ \hline \end{array}$$

c)

230 42
8 9

d)

$$\begin{array}{r} 47 \\ 25 \\ + 3 \\ \hline \end{array}$$

e)

11 22
33 44

f)

300
420
290

g)

$$\begin{array}{r} 1.000 \\ 500 \\ + 32 \\ \hline \end{array}$$

h)

320
51 60
40

i)

$$\begin{array}{r} 10 \\ 220 \\ + 3.330 \\ \hline \end{array}$$

j)

$$\begin{array}{r} 1.500 \\ 500 \\ 3.500 \\ + 500 \\ \hline \end{array}$$

k)

2.500
250 300
50

l)

$$\begin{array}{r} 1 \\ 22 \\ 333 \\ + 4.444 \\ \hline \end{array}$$

LA SUMA. Busca 1000, 100 ó el 10

$$\begin{array}{r} \text{a) } 29 \\ 385 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} \text{b) } 38 \\ 476 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} \text{c) } 47 \\ 564 \\ + 13 \\ \hline \end{array}$$

$$\begin{array}{r} \text{d) } 56 \\ 358 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} \text{e) } 45 \\ 455 \\ 5 \\ \hline \end{array}$$

$$\begin{array}{r} \text{f) } 398 \\ 17 \\ + 12 \\ \hline \end{array}$$

$$\begin{array}{r} \text{g) } 483 \\ 227 \\ + 40 \\ \hline \end{array}$$

$$\begin{array}{r} \text{h) } 572 \\ 38 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} \text{i) } 689 \\ 21 \\ 17 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} \text{j) } 773 \\ 42 \\ 237 \\ + 28 \\ \hline \end{array}$$

$$\begin{array}{r} \text{k) } 2.760 \\ 543 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} \text{l) } 1900 \\ 120 \\ + 83 \\ \hline \end{array}$$

$$\begin{array}{r} \text{m) } 2803 \\ 307 \\ + 4 \\ 16 \\ \hline \end{array}$$

$$\begin{array}{r} \text{n) } 405 \\ 205 \\ 2.504 \\ + 16 \\ \hline \end{array}$$

$$\begin{array}{r} \text{ñ) } 720 \\ 3.280 \\ + 121 \\ \hline \end{array}$$

$$\begin{array}{r} \text{o) } 640 \\ 2.360 \\ + 17 \\ 3 \\ \hline \end{array}$$

Estrategia por compensación. LA SUMA

$$\begin{array}{r} a) \ 199 \\ \ 21 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} b) \ 298 \\ \ 30 \\ + 12 \\ \hline \end{array}$$

$$\begin{array}{r} c) \ 397 \\ \ 25 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} d) \ 4 \\ \ 202 \\ + 196 \\ \hline \end{array}$$

$$\begin{array}{r} e) \ 95 \\ \ 105 \\ + 42 \\ \hline \end{array}$$

$$\begin{array}{r} f) \ 100 \\ \ 19 \\ + 201 \\ \hline \end{array}$$

$$\begin{array}{r} g) \ 208 \\ \ 12 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} h) \ 26 \\ \ 304 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} i) \ 37 \\ \ 4 \\ \ 13 \\ + 26 \\ \hline \end{array}$$

$$\begin{array}{r} j) \ 45 \\ \ 23 \\ \ 5 \\ + 17 \\ \hline \end{array}$$

$$\begin{array}{r} k) \ 394 \\ \ 8 \\ \ 16 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} l) \ 391 \\ \ 7 \\ \ 29 \\ + 23 \\ \hline \end{array}$$

$$\begin{array}{r} m) \ 492 \\ \ 25 \\ \ 8 \\ + 15 \\ \hline \end{array}$$

$$\begin{array}{r} n) \ 64 \\ \ 296 \\ \ 32 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} o) \ 102 \\ \ 398 \\ \ 16 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} p) \ 5 \\ \ 290 \\ \ 10 \\ + 95 \\ \hline \end{array}$$

$$\begin{array}{r} q) \ 305 \\ \ 95 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} r) \ 7 \\ \ 293 \\ \ 8 \\ + 22 \\ \hline \end{array}$$

$$\begin{array}{r} s) \ 5.495 \\ \ 25 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} t) \ 2.960 \\ \ 72 \\ + 40 \\ \hline \end{array}$$

Algoritmos para el cálculo mental (2)

$$\begin{array}{r} a \quad 125 \\ + 134 \\ \hline 200 \\ 50 \\ + 9 \\ \hline 259 \end{array}$$

$$\begin{array}{r} b \quad 137 \\ + 231 \\ \hline \end{array}$$

$$\begin{array}{r} c \quad 152 \\ + 143 \\ \hline \end{array}$$

$$\begin{array}{r} d \quad 236 \\ + 42 \\ \hline \end{array}$$

$$\begin{array}{r} e \quad 175 \\ + 114 \\ \hline \end{array}$$

$$\begin{array}{r} f \quad 158 \\ + 230 \\ \hline \end{array}$$

$$\begin{array}{r} g \quad 105 \\ + 423 \\ \hline \end{array}$$

$$\begin{array}{r} h \quad 343 \\ + 434 \\ \hline \end{array}$$

$$\begin{array}{r} i \quad 308 \\ + 420 \\ \hline \end{array}$$

$$\begin{array}{r} j \quad 243 \\ + 234 \\ \hline \end{array}$$

$$\begin{array}{r} k \quad 123 \\ + 305 \\ \hline \end{array}$$

$$\begin{array}{r} l \quad 213 \\ 141 \\ + 212 \\ \hline \end{array}$$

$$\begin{array}{r} m \quad 302 \\ + 41 \\ + 213 \\ \hline \end{array}$$

$$\begin{array}{r} n \quad 230 \\ + 15 \\ + 121 \\ \hline \end{array}$$

$$\begin{array}{r} o \quad 421 \\ + 42 \\ \hline \end{array}$$

$$\begin{array}{r} p \quad 325 \\ + 43 \\ \hline \end{array}$$

Algoritmos para el cálculo mental ③

$$\begin{array}{r} 149 \\ + 236 \\ \hline 300 \\ + 70 \\ + 15 \\ \hline 385 \end{array}$$

$$\begin{array}{r} 347 \\ + 438 \\ \hline \end{array}$$

$$\begin{array}{r} 29 \\ + 757 \\ \hline \end{array}$$

$$\begin{array}{r} 39 \\ + 643 \\ \hline \end{array}$$

$$\begin{array}{r} 362 \\ + 475 \\ \hline \end{array}$$

$$\begin{array}{r} 473 \\ + 284 \\ \hline \end{array}$$

$$\begin{array}{r} 94 \\ + 264 \\ \hline \end{array}$$

$$\begin{array}{r} 585 \\ + 74 \\ \hline \end{array}$$

$$\begin{array}{r} 567 \\ + 278 \\ \hline \end{array}$$

$$\begin{array}{r} 484 \\ + 276 \\ \hline \end{array}$$

$$\begin{array}{r} 234 \\ 125 \\ + 125 \\ \hline \end{array}$$

$$\begin{array}{r} 325 \\ + 485 \\ \hline \end{array}$$

$$\begin{array}{r} 356 \\ + 356 \\ \hline \end{array}$$

$$\begin{array}{r} 235 \\ + 125 \\ \hline 255 \end{array}$$

$$\begin{array}{r} 284 \\ + 426 \\ \hline \end{array}$$

$$\begin{array}{r} 256 \\ + 52 \\ + 4 \\ \hline \end{array}$$

Algoritmos para el cálculo mental (4) 2º

$$\begin{array}{r} a \quad 234 \\ + \quad 42 \\ \hline 121 \\ \hline 300 \\ + 90 \\ \hline 7 \\ \hline 397 \end{array}$$

$$\begin{array}{r} b \quad 234 \\ \quad 25 \\ + \quad 3 \\ \hline \end{array}$$

$$\begin{array}{r} c \quad \quad 4 \\ \quad 16 \\ + 325 \\ \hline \end{array}$$

$$\begin{array}{r} d \quad 435 \\ + 65 \\ \hline \end{array}$$

$$\begin{array}{r} e \quad 315 \\ \quad 245 \\ + \quad 24 \\ \hline \end{array}$$

$$\begin{array}{r} f \quad \quad 76 \\ + 214 \\ \hline \end{array}$$

$$\begin{array}{r} g \quad 320 \\ \quad 29 \\ + 121 \\ \hline \end{array}$$

$$\begin{array}{r} h \quad 444 \\ \quad 226 \\ + \quad 10 \\ \hline \end{array}$$

$$\begin{array}{r} i \quad \quad 6 \\ \quad 34 \\ + 213 \\ \hline \end{array}$$

$$\begin{array}{r} j \quad 222 \\ \quad 22 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} k \quad \quad 3 \\ \quad 12 \\ + 232 \\ \hline \end{array}$$

$$\begin{array}{r} l \quad \quad 12 \\ \quad \quad 3 \\ + 232 \\ \hline \end{array}$$

$$\begin{array}{r} ll \quad 232 \\ \quad \quad 3 \\ + 12 \\ \hline \end{array}$$

$$\begin{array}{r} m \quad 508 \\ \quad 230 \\ + \quad 2 \\ \hline \end{array}$$

$$\begin{array}{r} n \quad \quad 2 \\ \quad 407 \\ + 23 \\ \hline \end{array}$$

$$\begin{array}{r} \bar{n} \quad 209 \\ \quad 15 \\ + \quad 1 \\ \hline \end{array}$$