



Atividade 06 I.C

$$\begin{array}{r}
 8_{30} + 7_{30} \\
 \hline
 03000_2 \mid 00333
 \end{array}$$

$$\begin{array}{r}
 8 \mid 2 \\
 04 \mid 2 \\
 02 \mid 2 \\
 03
 \end{array}$$

$$\begin{array}{r}
 03000 \\
 + 00333 \\
 \hline
 03333 \\
 003333 (+35) SM
 \end{array}$$

$$\begin{array}{r}
 7 \mid 2 \\
 33 \mid 2 \\
 33
 \end{array}$$

$$\begin{array}{r}
 30_{30} + 8_{30} \\
 \hline
 03030_2 \mid 03000_2
 \end{array}$$

$$\begin{array}{r}
 30 \mid 2 \\
 05 \mid 2 \\
 32 \mid 2 \\
 8 \mid 2 \quad 03 \\
 04 \mid 2 \\
 02 \mid 2 \\
 03
 \end{array}$$

$$\begin{array}{r}
 03030 \\
 + 03000 \\
 \hline
 030030 (+38) SM
 \end{array}$$

$$\begin{array}{r}
 34 - 8_{30} \\
 \hline
 3330_2 \mid 3000_2
 \end{array}$$

$$\begin{array}{r}
 34 \mid 2 \\
 07 \mid 2 \\
 33 \mid 2 \\
 33
 \end{array}$$

$$\begin{array}{r}
 3330 \\
 - 3000 \\
 \hline
 00330 (+6) SM
 \end{array}$$





2) a) $32_{30} - 7_{30}$

$3300_2 \mid 0333_2$

3300
 $- 0333$

$00303 (+5)$ } Complemento 3
 11111

$33030 (-5)$

b) $30_{30} - 34_{30}$

$03030_2 \mid 03330_2$

03030
 $- 03330$

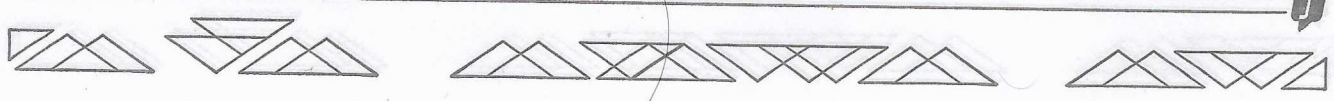
$00300 (+4)$ } Complemento 3
 11111
 $33033 (-4)$

3) a) $32_{30} - 7_{30}$

(C3) 33030
 $+ 1$
 33033

b) $33033 (C3) \leftarrow (30_{30} - 34_{30})$

$+ 1$
 33500





4)

$$a) 357_8 + 566_8$$

$$\begin{array}{r} 3 \ 3 \ 3 \\ 0357 \\ + 0566 \\ \hline 3345_8 \end{array}$$

$$7+6=53-8=5 \text{ (vai 5)}$$

$$5+6+3=52-8=4 \text{ (vai 5)}$$

$$3+5+3=8-8=3 \text{ (vai 5)}$$

$$b) 765_8 - 234_8$$

$$\begin{array}{r} 765 \\ - 234 \\ \hline 533_8 \end{array}$$

$$c) CAFE_{36} + 5234_{36}$$

$$\begin{array}{r} 3 \ 3 \\ CAFE \\ + 5234 \\ \hline DD32_{36} \end{array}$$

$$E(34)+4=2$$

$$F(35)+4=3$$

$$A(30)+3+3=D$$

$$C(32)+3=D$$

$$d) CAFE_{36} - 5234_{36}$$

$$\begin{array}{r} CAFE \\ - 5234 \\ \hline B8CA \end{array}$$

$$34-4=30=A$$

$$35-3=32=B$$

$$30-2=8$$

$$C-3=B$$

