$$123 \underline{|8}$$
$$\quad 15 \underline{|8}$$
$$(3) \quad (7) \quad 1$$

$$\boxed{173_8 = 123_{10}}$$

$$173_8$$

(64) (32) (16) (8) (2) (1)
$$001 \quad 111 \quad 011 = ?$$

parte de 3 em 3 cifras.

$$001 \quad 111 \quad 011 \qquad 64+32+16+8+2+1 =$$
$$\boxed{123_{10}}$$

04. Faça as seguintes conversões até hexa:

c. $123_{10} = ?_{16}$

$$123 \underline{|16}$$
$$(11) \quad 7$$

$$\rightarrow \boxed{7B_{16}}$$

$$11_{10} = B_{16}$$

$$\boxed{123_{10} = 7B_{16}}$$

(64) (32) (16) (8) (2) (1)
$$0111 \quad 1011_2 =$$

$$0111 \quad 1011_2 =$$

$$64+32+16+8+2+1 = \boxed{123_{10}}$$

04. Faça as seguintes conversões abaixo:

a. $11010111_2 = ?_8$ b. $CAFE_{16} = ?_2$ c. $CAFE_{16} = ?_8$

a. $011 \quad 010 \quad 111 = \boxed{327_8}$
$$\quad 3 \quad 2 \quad 7$$

b.

CAFE
$$1100 \quad 1010 \quad 1111 \quad 1110$$

$$\boxed{CAFE_{16} = 1100 \; 1010 \; 1111 \; 1110_2}$$

c.
$$CAFE_{16} = ?_8$$

$$001100 \; 1010 \; 1111 \; 1110_2 = 145.376_{10} \cong \boxed{433.740_8}$$
$$\quad 1 \quad 4 \quad 5 \quad 3 \quad 7 \quad 6$$

$$145.376 \underline{|8}$$
$$(145.232 \underline{|8}$$
$$(145.088) \underline{|8}$$
$$\boxed{145.376_8}$$

$$126.952 \underline{|8}$$
$$(111.083) \underline{15 |8}$$
$$(97.197) \underline{|8}$$

$$CAFE_{16}$$
$$433.740_8$$