

## Exercício

Converta para Decimal:

- a)  $11011_2$
- b)  $11010_2$
- c)  $111011_2$

## Exercício - Correção

Converta para Decimal:

a)  $11011_2$

$$\begin{aligned} & \mathbf{11011} \\ & 1 \cdot 2^4 + 1 \cdot 2^3 + 0 \cdot 2^2 + 1 \cdot 2^1 + 1 \cdot 2^0 \\ & 1 \cdot 16 + 1 \cdot 8 + 0 \cdot 4 + 1 \cdot 2 + 1 \cdot 1 \\ & 16 + 8 + 0 + 2 + 1 \\ & 27_{10} \end{aligned}$$

b)  $11010_2$

$$\begin{aligned} & \mathbf{11010} \\ & 1 \cdot 2^4 + 1 \cdot 2^3 + 0 \cdot 2^2 + 1 \cdot 2^1 + 0 \cdot 2^0 \\ & 1 \cdot 16 + 1 \cdot 8 + 0 \cdot 4 + 1 \cdot 2 + 0 \cdot 1 \\ & 16 + 8 + 0 + 2 + 0 \\ & 26_{10} \end{aligned}$$

c)  $111011_2$

$$\begin{aligned} & \mathbf{111011} \\ & 1 \cdot 2^5 + 1 \cdot 2^4 + 1 \cdot 2^3 + 0 \cdot 2^2 + 1 \cdot 2^1 + 1 \cdot 2^0 \\ & 1 \cdot 32 + 1 \cdot 16 + 1 \cdot 8 + 0 \cdot 4 + 1 \cdot 2 + 1 \cdot 1 \\ & 32 + 16 + 8 + 0 + 2 + 1 \\ & 59_{10} \end{aligned}$$