

EJERCICIOS CUC

$$1) f(x) = \begin{cases} 1-x^2 & ; -1 \leq x \leq 3 \\ 2x+1 & ; 3 < x < 5 \\ -2 & ; 5 \leq x < 7 \end{cases}$$

$$2) f(x) = \begin{cases} 2x & ; -4 \leq x \leq -1 \\ 2x^2 & ; -1 < x < 2 \\ -1 & ; x \geq 2 \end{cases}$$

$$3) f(x) = \begin{cases} x+2 & ; -6 \leq x < -2 \\ 5-3x & ; -2 \leq x < 1 \\ x^2+1 & ; 2 < x \leq 7 \end{cases}$$

$$4) f(x) = \begin{cases} -1 & ; -7 \leq x < -3 \\ \frac{x^2}{2} & ; -2 \leq x < 1 \\ 2-3x & ; 1 < x \leq 7 \end{cases}$$

$$5) f(x) = \begin{cases} -4 & ; x \leq -4 \\ x^2+x+1 & ; -4 < x < -1 \\ -x^2+1 & ; x \geq -1 \end{cases}$$

$$6) f(x) = \begin{cases} \frac{x^2-4}{2} & ; -2 < x \leq 0 \\ 5-3x & ; 0 < x < 2 \\ 8 & ; x \geq 2 \end{cases}$$