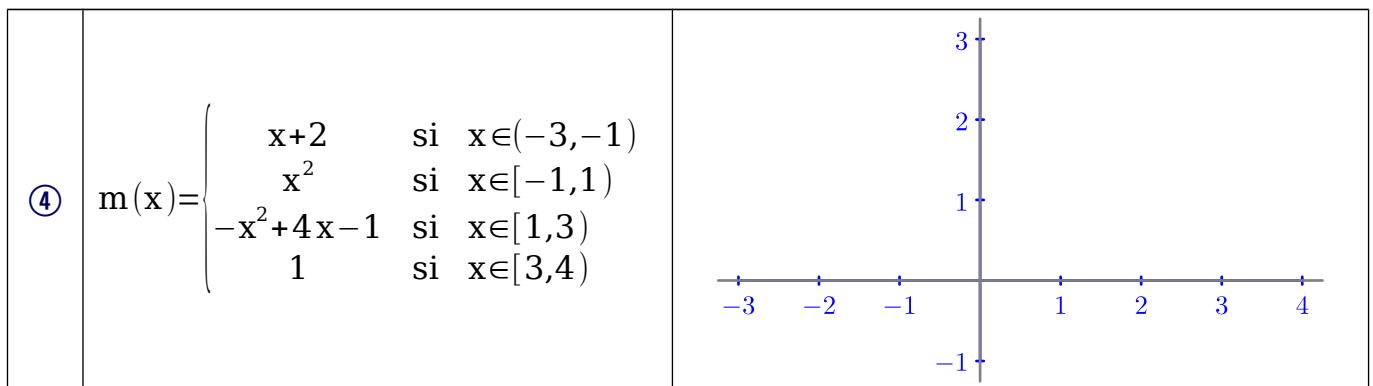
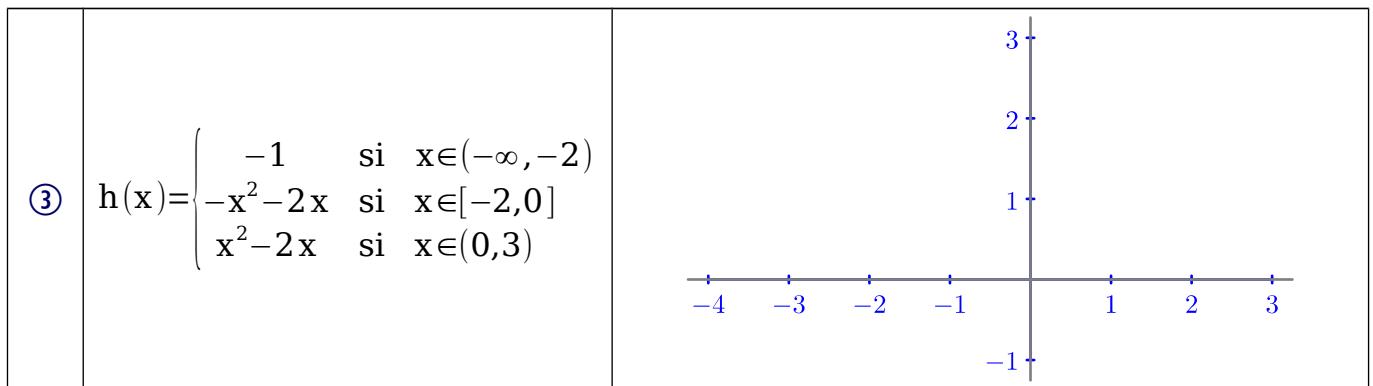
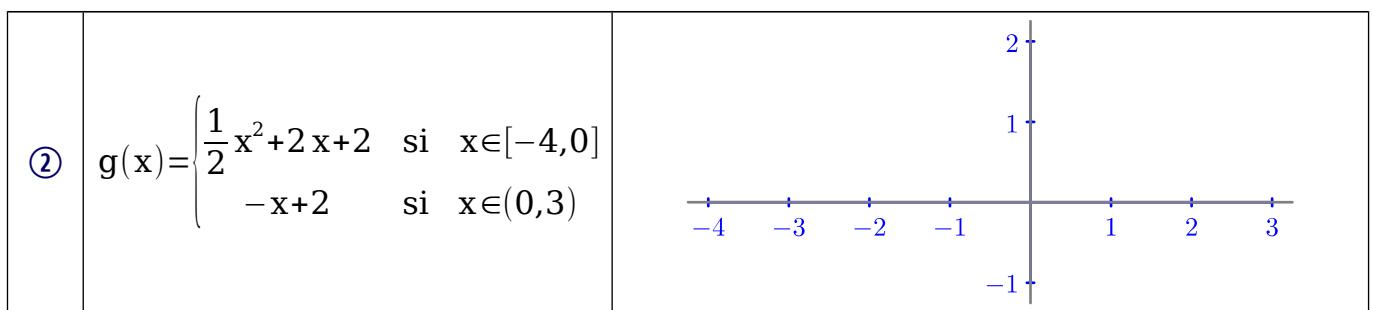
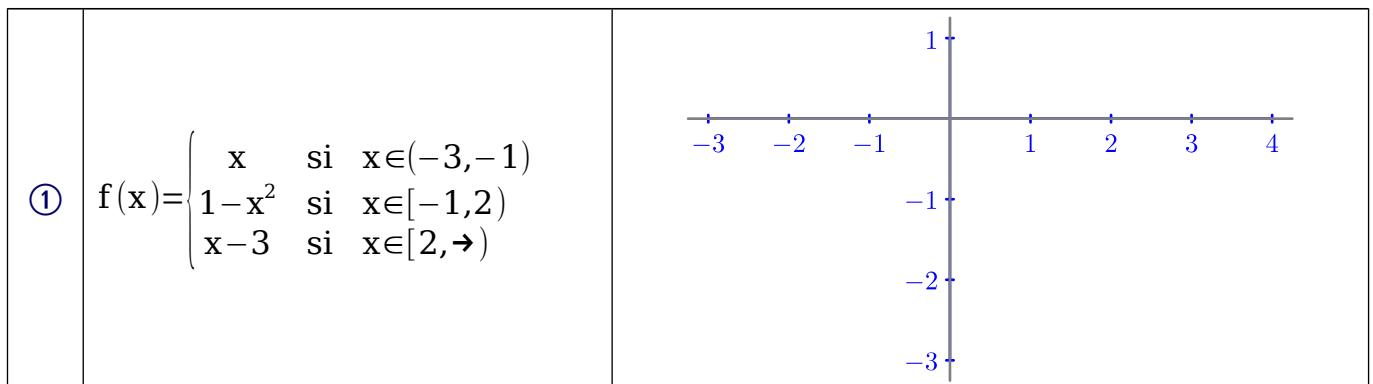


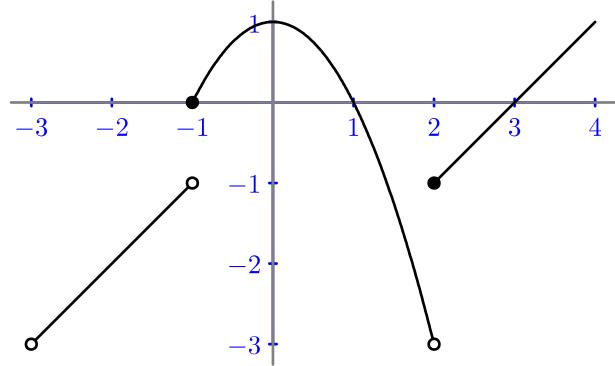
Enunciados

Representa gráficamente las siguientes funciones utilizando el espacio asignado.

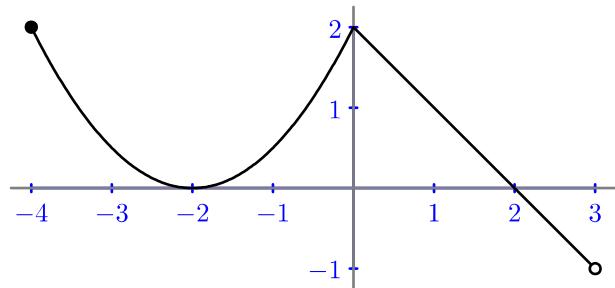


Soluciones

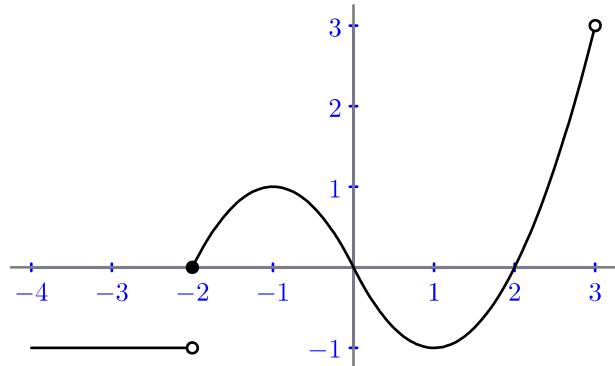
① $f(x) = \begin{cases} x & \text{si } x \in (-3, -1) \\ 1-x^2 & \text{si } x \in [-1, 2) \\ x-3 & \text{si } x \in [2, \rightarrow) \end{cases}$



② $g(x) = \begin{cases} \frac{1}{2}x^2 + 2x + 2 & \text{si } x \in [-4, 0] \\ -x+2 & \text{si } x \in (0, 3) \end{cases}$



③ $h(x) = \begin{cases} -1 & \text{si } x \in (-\infty, -2) \\ -x^2 - 2x & \text{si } x \in [-2, 0] \\ x^2 - 2x & \text{si } x \in (0, 3) \end{cases}$



④ $m(x) = \begin{cases} x+2 & \text{si } x \in (-3, -1) \\ x^2 & \text{si } x \in [-1, 1) \\ -x^2 + 4x - 1 & \text{si } x \in [1, 3) \\ 1 & \text{si } x \in [3, 4) \end{cases}$

