

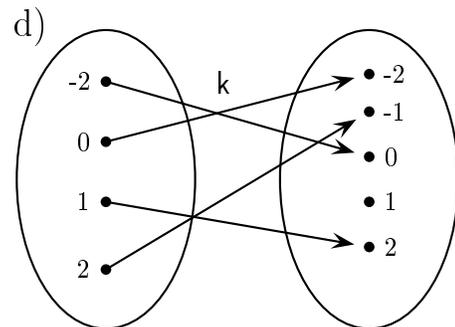
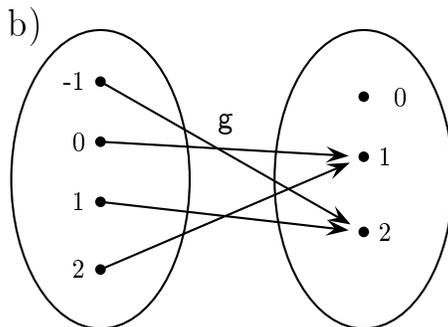
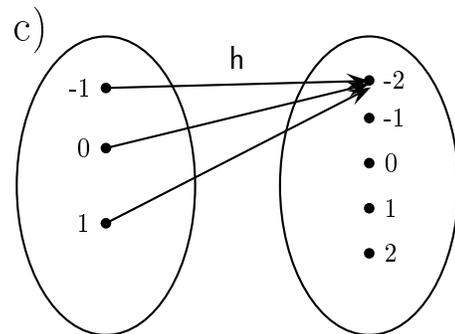
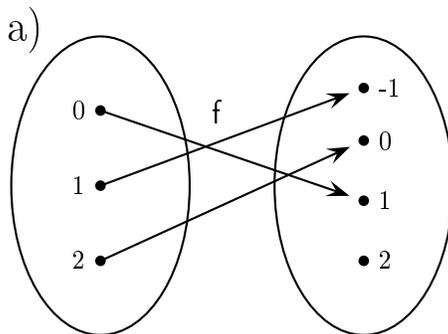
# Ejercicios de Dominio e Imagen de una Función

MarioProfe

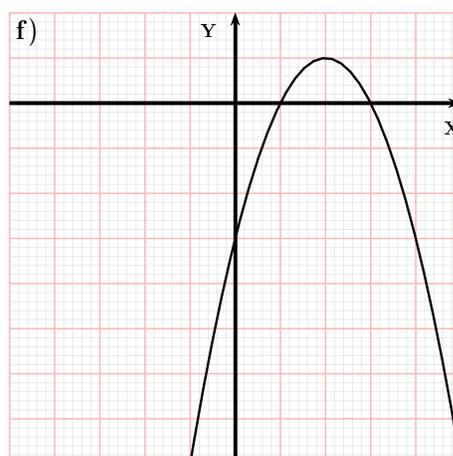
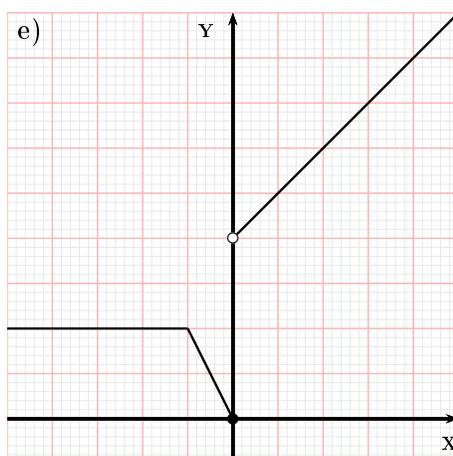
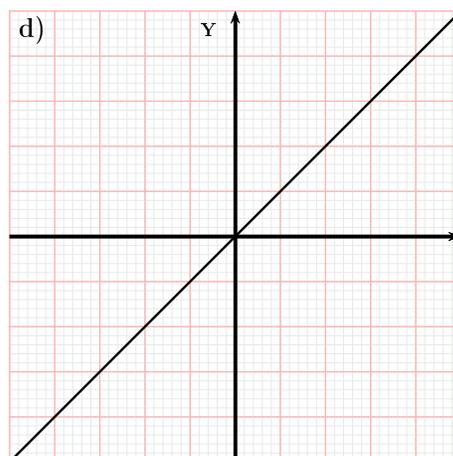
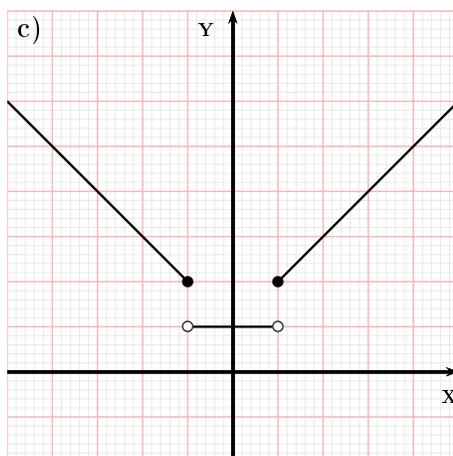
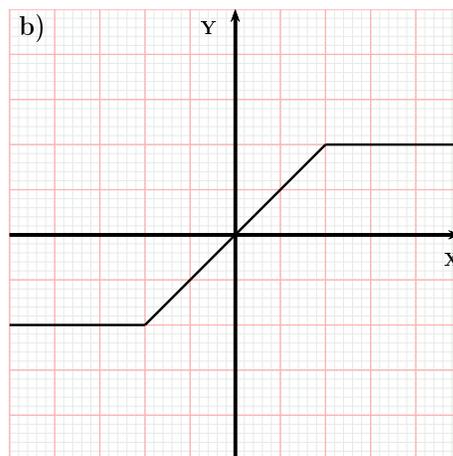
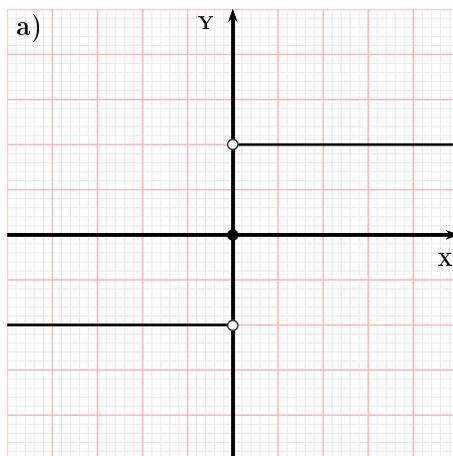
8 de marzo de 2024

Los números encerrados en cuadritos corresponden al número del Ejercicio que aparece en la hoja de respuestas suministrada

158 1. Establezca el Dominio e Imagen de las funciones abajo:

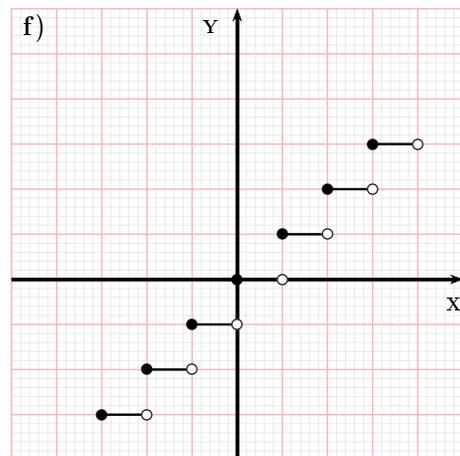
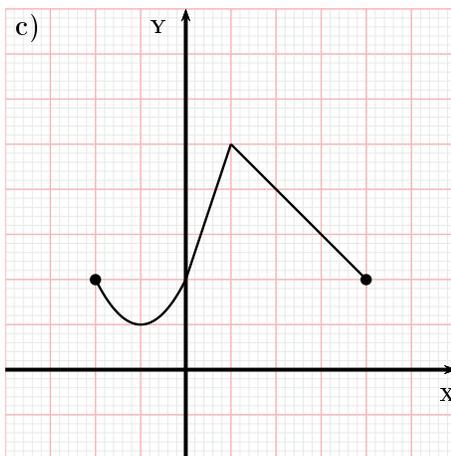
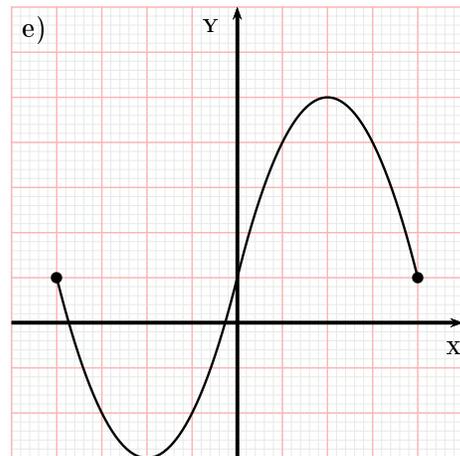
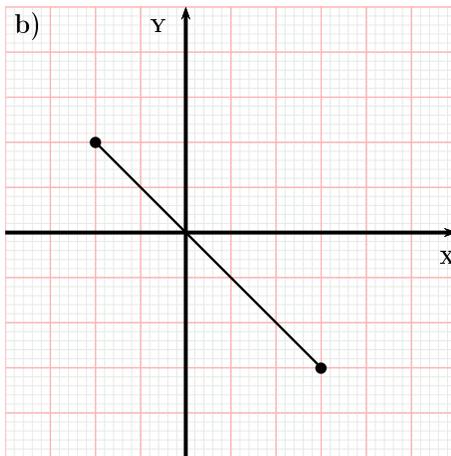
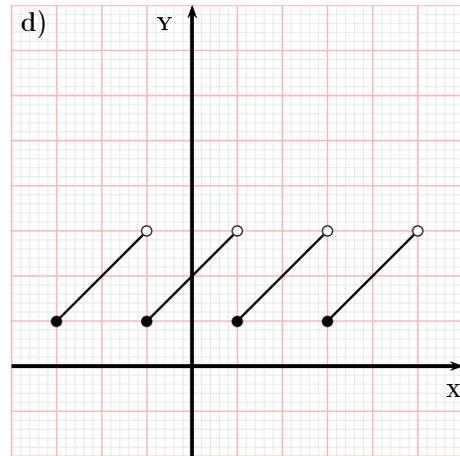
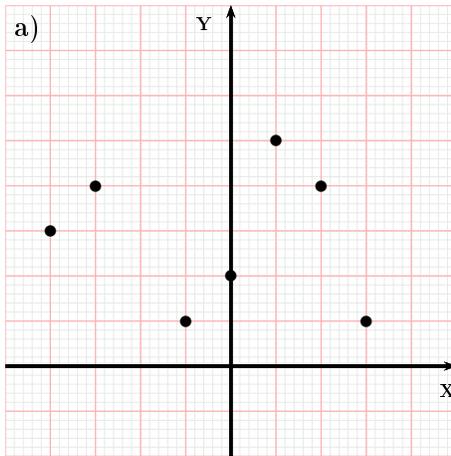


159 2. Determine el conjunto imagen de las funciones representadas en los gráficos cartesianos siguientes.



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3. Considerando que los gráficos abajo son gráficos de funciones, establezca el Dominio e Imagen de cada uno.



161 4. Obtenga el Dominio de las siguientes funciones reales:

(a)  $f(x) = 3x + 2$

(d)  $p(x) = \sqrt{x - 1}$

(g)  $s(x) = \sqrt[3]{2x - 1}$

(b)  $g(x) = \frac{1}{x + 2}$

(e)  $q(x) = \frac{1}{\sqrt{x + 1}}$

(h)  $t(x) = \frac{1}{\sqrt[3]{2x + 3}}$

(c)  $h(x) = \frac{x - 1}{x^2 - 4}$

(f)  $r(x) = \frac{\sqrt{x + 2}}{x - 2}$

(i)  $u(x) = \frac{\sqrt[3]{x + 2}}{x - 3}$