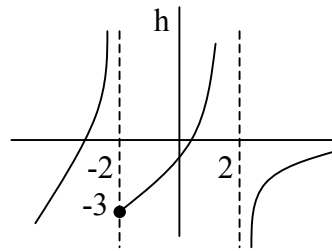
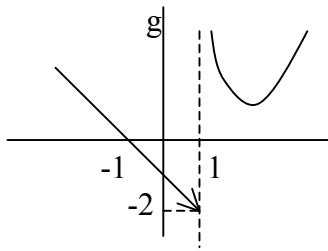
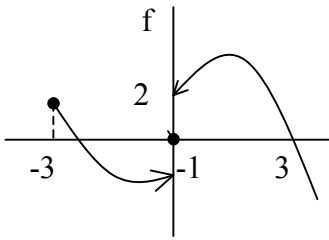


Matemática – 6° SH 1 y 2 – Práctico N° 5

1. i) Determinar el dominio de $f(x)$, $g(x)$ y $h(x)$.



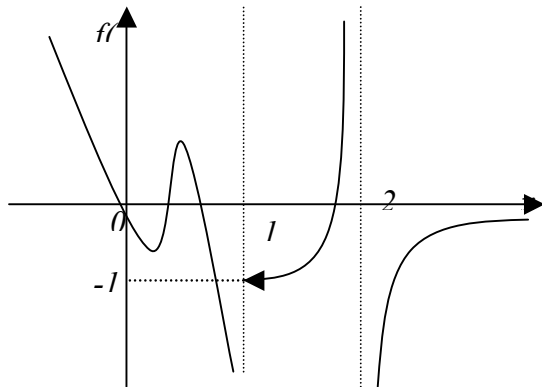
ii) Indicar si es posible:

a) $\lim_{x \rightarrow 3^-} f(x)$ $\lim_{x \rightarrow -3^+} f(x)$ $f(3)$ $f(0)$

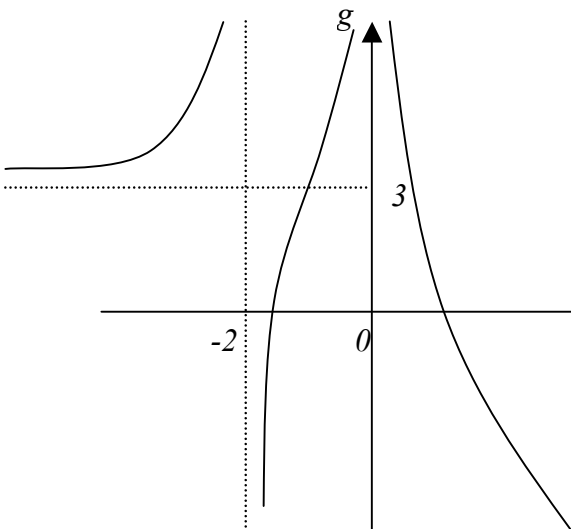
b) $\lim_{x \rightarrow -1} g(x)$ $\lim_{x \rightarrow +\infty} g(x)$ $g(1)$

c) $\lim_{x \rightarrow -2^\pm} h(x)$ $\lim_{x \rightarrow \pm\infty} h(x)$ $h(-2)$ $h(2)$

2. Indicar dominio de cada una de las funciones graficadas; y hallar los límites que se indican

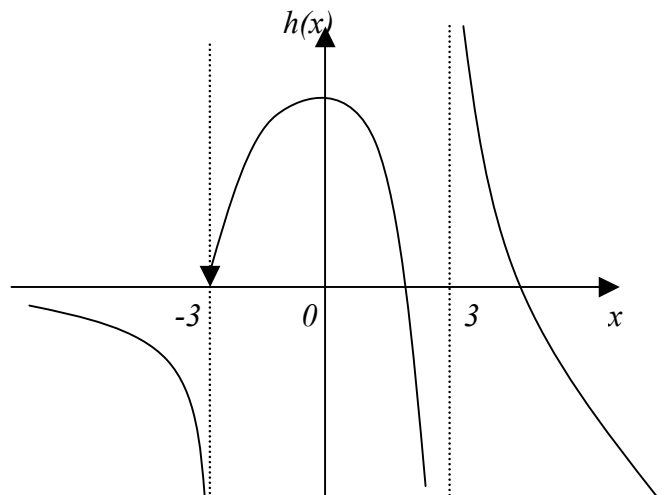


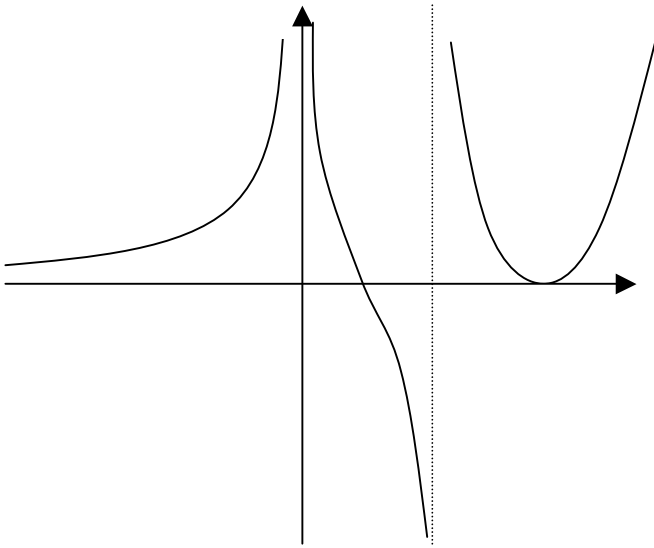
$\lim_{x \rightarrow 1^+} f(x)$
 $\lim_{x \rightarrow 1^-} f(x)$
 $\lim_{x \rightarrow 2^+} f(x)$
 $\lim_{x \rightarrow 2^-} f(x)$
 $\lim_{x \rightarrow +\infty} f(x)$
 $\lim_{x \rightarrow -\infty} f(x)$



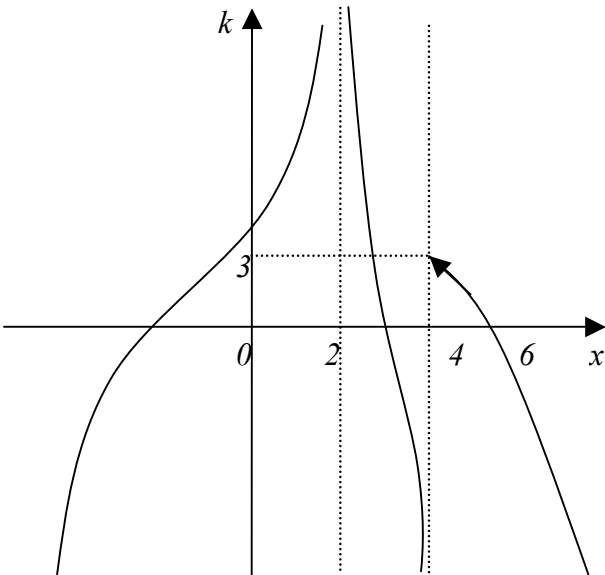
$\lim_{x \rightarrow -2^-} g(x)$
 $\lim_{x \rightarrow -2^+} g(x)$
 $\lim_{x \rightarrow 0^-} g(x)$
 $\lim_{x \rightarrow 0^+} g(x)$
 $\lim_{x \rightarrow +\infty} g(x)$
 $\lim_{x \rightarrow -\infty} g(x)$

$\lim_{x \rightarrow -3^-} h(x)$
 $\lim_{x \rightarrow -3^+} h(x)$
 $\lim_{x \rightarrow 3^-} h(x)$
 $\lim_{x \rightarrow 3^+} h(x)$
 $\lim_{x \rightarrow +\infty} h(x)$
 $\lim_{x \rightarrow -\infty} h(x)$

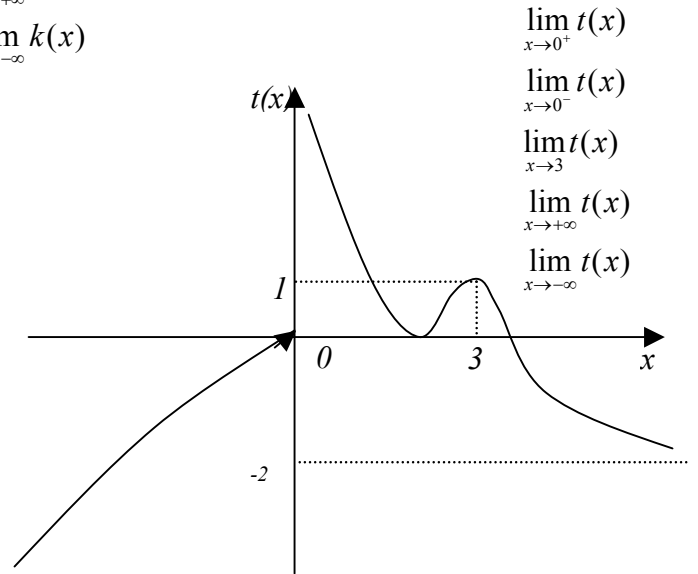




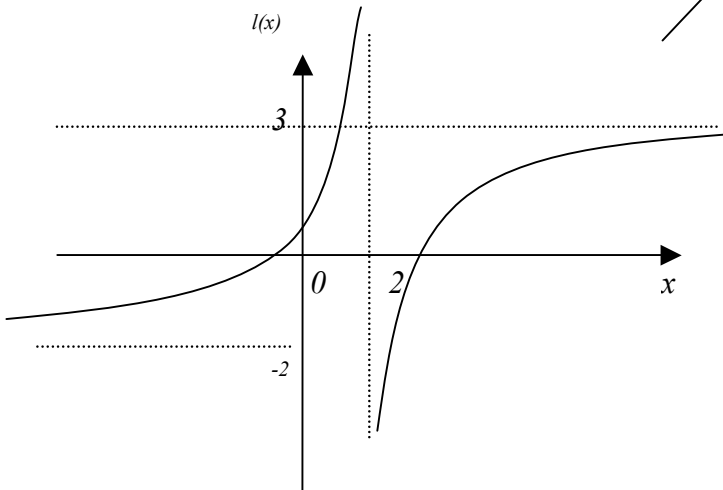
- $\lim_{x \rightarrow 0^+} j(x)$
- $\lim_{x \rightarrow 0^-} j(x)$
- $\lim_{x \rightarrow 1^+} j(x)$
- $\lim_{x \rightarrow 1^-} j(x)$
- $\lim_{x \rightarrow +\infty} j(x)$
- $\lim_{x \rightarrow -\infty} j(x)$



- $\lim_{x \rightarrow 2^+} k(x)$
- $\lim_{x \rightarrow 2^-} k(x)$
- $\lim_{x \rightarrow 4^+} k(x)$
- $\lim_{x \rightarrow 4^-} k(x)$
- $\lim_{x \rightarrow +\infty} k(x)$
- $\lim_{x \rightarrow -\infty} k(x)$



- $\lim_{x \rightarrow 0^+} t(x)$
- $\lim_{x \rightarrow 0^-} t(x)$
- $\lim_{x \rightarrow 3^+} t(x)$
- $\lim_{x \rightarrow 3^-} t(x)$
- $\lim_{x \rightarrow +\infty} t(x)$
- $\lim_{x \rightarrow -\infty} t(x)$



- $\lim_{x \rightarrow 2^+} l(x)$
- $\lim_{x \rightarrow 2^-} l(x)$
- $\lim_{x \rightarrow +\infty} l(x)$
- $\lim_{x \rightarrow -\infty} l(x)$