INSTITUTO CRANDON

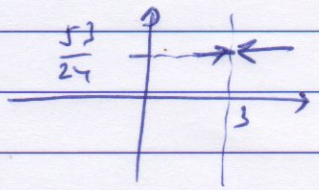
ALUMNO: _____

GRUPO: _____ Nº _____

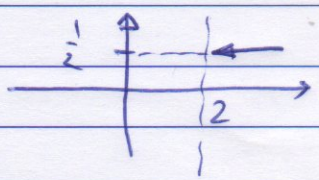
ESCRITO DE: RESOLUCIÓN

FECHA: _____

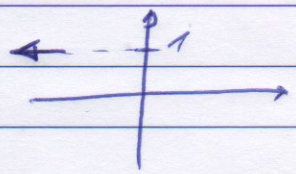
A) $= \lim_{x \to 3} \frac{(x-3)(2x^2+6x+17)}{(x-3)(4x+12)} = \frac{53}{24}$



B) $= \lim_{x \to 2^+} \frac{(x-2)(x-3)}{(x-2)(x-4)} = \frac{-1}{-2} = \frac{1}{2}$



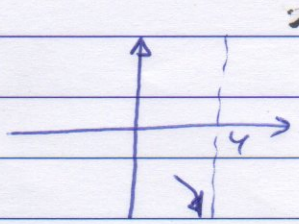
C) $= \lim_{x \to -\infty} \frac{x^2}{x^2} = 1$



D) $= \lim_{x \to 4^-} \frac{x^2-5x+6}{x^2-6x+8} = -\infty$

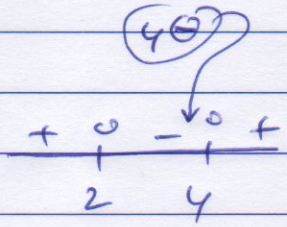
$x^2-5x+6 \to 2$

$x^2-6x+8 \to 0^-$



SIGNO x^2-6x+8

-7

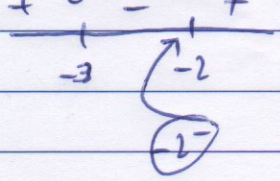


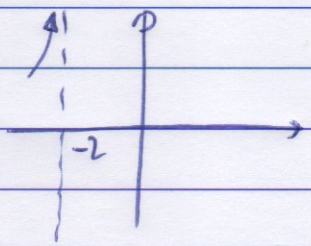
E) $= \lim_{x \to -2^-} \frac{x^3+1}{x^2+5x+6} = +\infty$

$x^3+1 \to$

$x^2+5x+6 \to 0^-$

SIGNO x^2+5x+6





F) $= \lim_{x \to -2^-} \frac{(x+2)(x^2-2x+4)}{x^3+10x+10} = 0^+$

$(x+2)(x^2-2x+4) \to 0^-$

$x^3+10x+10 \to -14$

1	0	0	8
-2	-2	4	-8
1	-2	4	0

1	0	10	10
-2	-2	4	-28
1	-2	14	-14