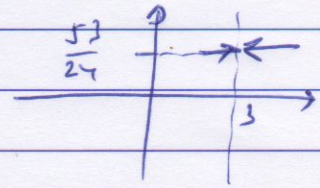
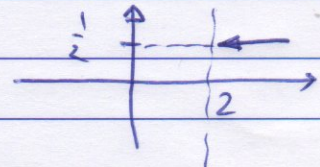




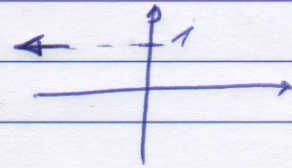
$$A) = \lim_{x \rightarrow 3} \frac{(x-3)(2x^2+6x+17)}{(x-3)(4x+12)} = \frac{53}{24}$$



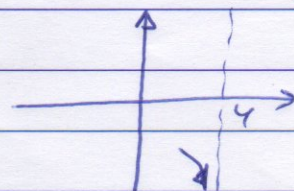
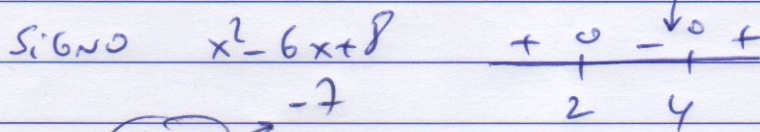
$$B) = \lim_{x \rightarrow 2^+} \frac{(x-2)(x-3)}{(x-2)(x-4)} = \frac{-1}{-2} = \frac{1}{2}$$



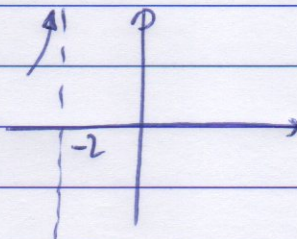
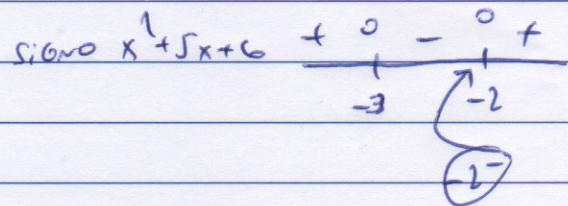
$$C) = \lim_{x \rightarrow -\infty} \frac{x^2}{x^2} = 1$$



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



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



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

1	0	0	8
-2	-2	4	-8
<hr/>			
1	-2	4	0

1	0	10	10
-2	-2	4	-28
<hr/>			
1	-2	14	-14