

EJERCICIO 9- SIMPLIFICA LAS SIGUIENTES FRACCIONES ALGEBRAICAS

a) $\frac{x^2-2x+1}{x^2-1} = \frac{(\quad)(\quad)}{(\quad)(\quad)} = \frac{\quad}{\quad}$

NUMERADOR

$$x^2-2x+1=(\quad)(\quad)$$

DENOMINADOR

$$x^2-1=(\quad)(\quad)$$

b) $\frac{x^2-3x+2}{x^2-x-2} = \frac{(\quad)(\quad)}{(\quad)(\quad)} = \frac{\quad}{\quad}$

NUMERADOR

DENOMINADOR

c) $\frac{x^2+x-6}{x^2-4} = \frac{(\quad)(\quad)}{(\quad)(\quad)} = \frac{\quad}{\quad}$

NUMERADOR

DENOMINADOR

$$x^2-4=(\quad)(\quad)$$

$$d) \frac{x^2+2x-3}{x^3-x^2} = \frac{(\quad)(\quad)}{\quad(\quad)} = \frac{\quad}{\quad}$$

NUMERADOR

DENOMINADOR

$$x^3-x^2 = \quad(\quad)$$

$$e) \frac{x^4-5x^2-36}{x^2-9} = \frac{(\quad)(\quad)(\quad)(\quad)}{(\quad)(\quad)} = \frac{\quad}{\quad}$$

NUMERADOR

DENOMINADOR

$$x^2-9 = (\quad)(\quad)$$

f) $\frac{x^4 - 5x^2 - 36}{x^2 - 9} = \frac{(\quad)(\quad)(\quad)}{(\quad)(\quad)} = \underline{\hspace{2cm}}$

NUMERADOR

DENOMINADOR
