Ejercicio 1

$$P_{2(x)} = 2 \frac{(x-1)(x-4)x_{1}}{(-1)(-4)(-6)} + 3 \frac{(x)(x-4)(x-6)}{(-3)(-5)} + 18 \frac{(x)(x+1)(x-6)}{(4)(3)(-2)} = 2 \frac{(x^{3}-1)(x^{2}+3)(x-2)}{(-3)(-5)} + 3 \frac{(x^{3}-1)(x^{2}+2)(x-4)}{(4)(3)(-2)} + 3 \frac{(x^{3}-1)(x^{2}+2)(x-4)}{(-24)(x-6)} = 2 \frac{(x^{3}-1)(x^{2}+3)(x-4)}{(-3)(-5)} + 3 \frac{(x^{3}-1)(x-4)(x-6)}{(4)(3)(x-1)} = 2 \frac{(x^{3}-1)(x-4)(x-6)}{(4)(3)(x-1)} + 3 \frac{(x^{3}-1)(x-4)}{(4)(3)(x-1)} = 2 \frac{(x^{3}-1)(x-4)(x-6)}{(4)(3)(x-1)} + 3 \frac{(x^{3}-1)(x-6)}{(4)(3)(x-1)} = 2 \frac{(x^{3}-1)(x-4)(x-6)}{(4)(3)(x-1)} + 3 \frac{(x^{3}-1)(x-6)}{(4)(3)(x-1)} = 2 \frac{(x^{3}-1)(x-4)(x-6)}{(4)(3)(x-1)} = 2 \frac{(x^{3}-1)(x-4)(x-6)}{(4)(3)(x-4)} = 2 \frac{(x^{3}-1)(x-4)(x-4)}{(4)(x-4)} = 2 \frac{(x^{3}-1)(x-4)(x-4)}{(4)(x-4)}$$

$$\frac{1}{12} \left( \frac{11}{12} \times \frac{3}{5} + \frac{1}{5} \times \frac{5}{4} + \frac{3}{30} \times \frac{3}{30} \right) + \left( -\frac{17}{6} \times \frac{1}{5} \times \frac{29}{5} \times -\frac{9}{5} \times + \frac{30}{15} \times \right) + 2$$

$$= \chi^2 + 2$$

(on 
$$x=2$$
  $\rightarrow y=2^{2}+2=4+2$ 

$$P_{1(x)} = -0.47 \left( \frac{x - \pi}{x - 2.3} \right) + \frac{\pi}{2.3 - \pi} + \frac{\pi}{\pi} \left( \frac{x - 2.3}{\pi - 2.3} \right)$$

$$= -0.47 \times + \frac{\pi}{4} \cdot -0.47 + \frac{\pi}{4} \times -2.3 \cdot \pi$$

$$-0.841$$

$$0.841$$

= 4.31x - 10.34

Resolvemos

$$-p = 4.31 \times -10.34$$

$$4.31 \times = 10.34$$

$$x = \frac{10.34}{4.31} \approx 2.4$$

$$= \frac{4.31}{4.31}$$

Entonces

una aproximación de la raiz no nula de fexi= x - 4senx es [X \$\frac{1}{2}.4]