Tema: Poniendo limites

Materia: Biomatematicas

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Grado: Segundo semestre

Grupo: “B”

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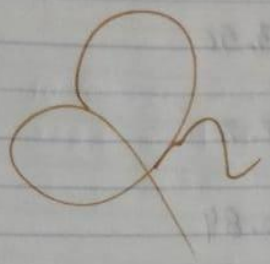
Comitán de Domínguez Chiapas a 12 de junio de 2020.

$\lim_{x \to 2.5} x^2 = 6.25$



$\lim_{x \to 1.5} x^2 = 2.25$

$\lim_{x \to 3} x^2 = 9$

$\lim_{x \to 1} \frac{x^2 - 1}{x - 1} = 0$

Lim x^2
x - pH

$(6.6)^2 = 43.56$

$(7.6)^2 = 57.76$

$(7.8)^2 = 60.84$

$(8)^2 = 64$

Lim x^3
x - pH

$(7.6)^3 = 439$

$(7.8)^3 = 474.552$

Lim x^4
x - pH

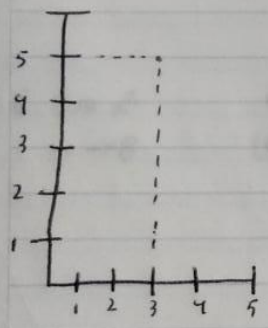
$(8)^4 = 4,096$

4096 | 2
2,048 | 2
1024 | 2
512 | 2
256 | 2
128 | 2
64 | 2
32 | 2
16 | 2
8 | 2
4 | 2

$$\lim_{x \to 2} \frac{x^2 + x - 6}{x - 2}$$

$$\lim = \frac{(x-2)(x+3)}{(x-2}$$

$$= 2 + 3 = 5$$

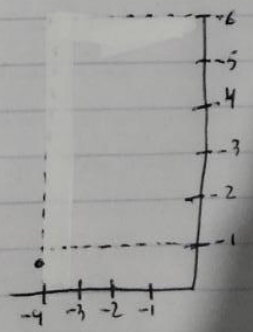


$$\lim_{x \to -4} \frac{x^2 + 5x + 4}{x^2 + 3x - 4}$$

$$\frac{(x+4)(x+1)}{(x-1)(x+4)}$$

$$= \frac{(x+1)}{(x-1)} \cdot \frac{(-4+1)}{(-4-1)}$$

$$= \frac{-3}{-5} = .6$$



• $\lim_{x \to 2} \frac{x^2 - 4}{x - 2}$

$$\frac{(x-2)(x+2)}{x-2}$$

$$= (x+2) = 2+2 = 4$$