



Poniendo limites

Biomatematicas

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2° A

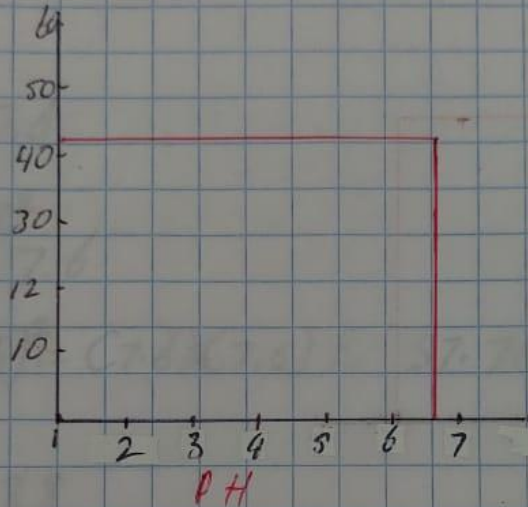
Dr. Rosvani Margine Morales Irecto

PASION POR EDUCAR

Comitán de Domínguez Chiapas a 18 de febrero de 2022.

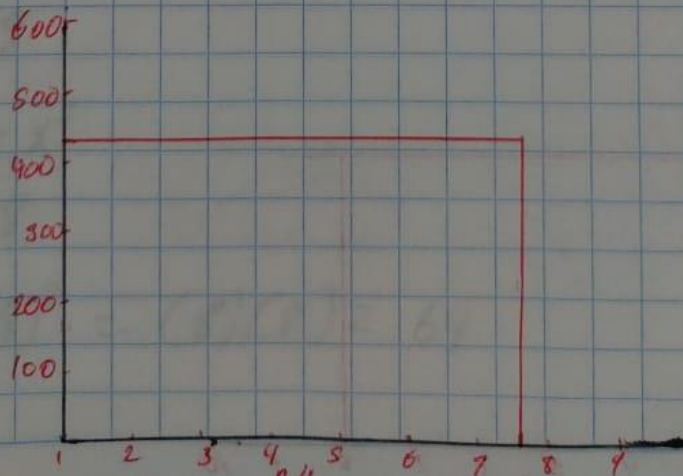
* PH 6.6 $(x)^2$
 $\lim_{x \rightarrow 6.6} x^2$

$$x = (6.6)^2 = (6.6)(6.6) = 43.56$$



* PH 7.6 $(x)^3$
 $\lim_{x \rightarrow 7.6} x^3$

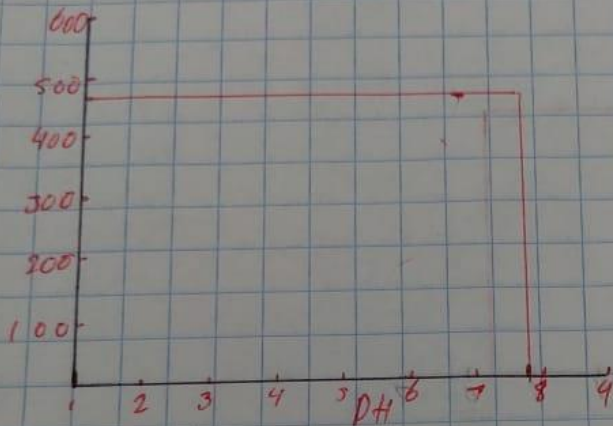
$$x = (7.6)^3 = (7.6)(7.6)(7.6) = 438.97$$



$$\text{PH } 7.8 \ (x)^3$$

$$\text{Lim } x^3 \rightarrow 7.8$$

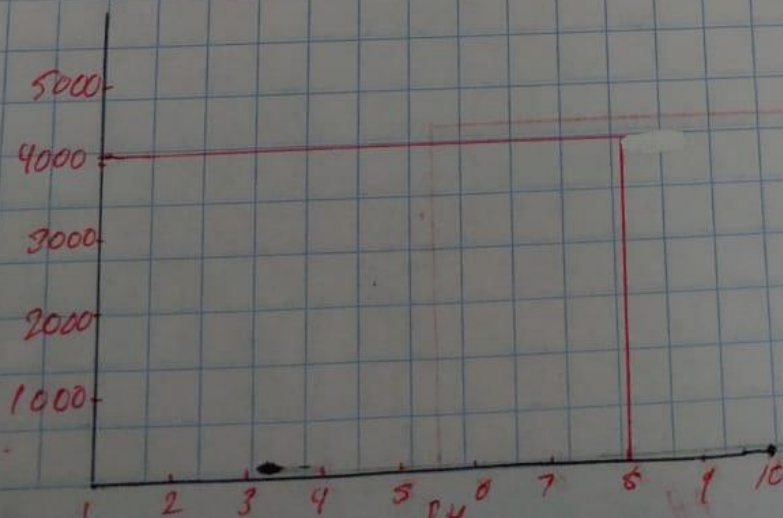
$$x = (7.8)^3 = (7.8)(7.8)(7.8) = 474.55$$



$$\text{PH } 8 \ (x)^4$$

$$\text{Lim } x^4 \rightarrow 8$$

$$x = (8)^4 = (8)(8)(8)(8) = 4,096$$



* PH 6.6

$$\lim_{x^2 \rightarrow 6.6} x^2$$

$$x \rightarrow (6.6)^2 = (6.6)(6.6) = 43.56$$

* PH 7.6

$$\lim_{x^2 \rightarrow 7.6} x^2$$

$$x \rightarrow (7.6)^2 = (7.6)(7.6) = 57.76$$

* PH 7.8

$$\lim_{x^2 \rightarrow 7.8} x^2$$

$$x \rightarrow (7.8)^2 = (7.8)(7.8) = 60.84$$

* PH 8

$$\lim_{x^2 \rightarrow 8} x^2$$

$$x \rightarrow (8)^2 = (8)(8) = 64$$

$$x = (8)^2 = (8)(8) = 64$$

* PH 6.1 ¿ Sa + O₂ H₂O?

$$\text{Lim} = K [f(C_x)] = 6.1$$

$$K [f(C_{6.1})] = 6.1$$

$$\text{Lim} = 6.1(C_{6.1}) = 37.21$$

Tarea

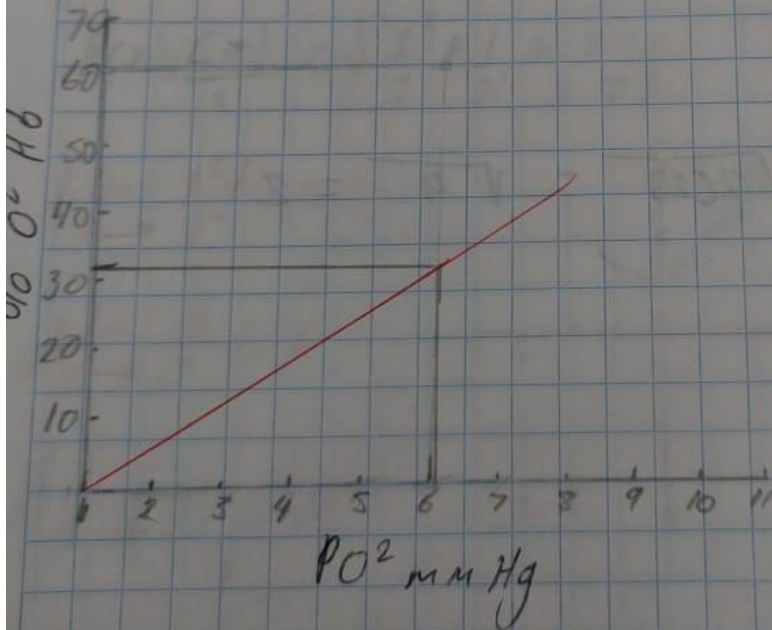
$$C = 80$$

$$\text{Lim } 80x$$

$$x = 6.1$$

$$80x - 80(C_{6.1}) = 488$$

488	2
244	2
122	2
61	61
1	



6.1 — 100%

2 — 32.75%

$$* \lim_{x \rightarrow 2} \frac{4x + 2x}{3x - 2x} = \frac{4(2) + 2(2)}{3(2) - 2(2)} = \frac{8 + 4}{6 - 4} = \frac{12}{2} = 6$$

$$* \lim_{x \rightarrow 2} [2x]^3 = [2(2)]^3 = [4]^3 = 64$$

$$\lim_{x \rightarrow 2} \sqrt{2x} = \sqrt{2(2)} = \sqrt{4} = 2$$