UNIVERSIDAD DEL

SURESTE

Campus Comitán

Licenciatura en Medicina Humana

Tema: “Poniendo límites”

Nombre de alumno: Karen Paulina López Gómez

Nombre del profesor: Rosvani Margine Morales Irecta

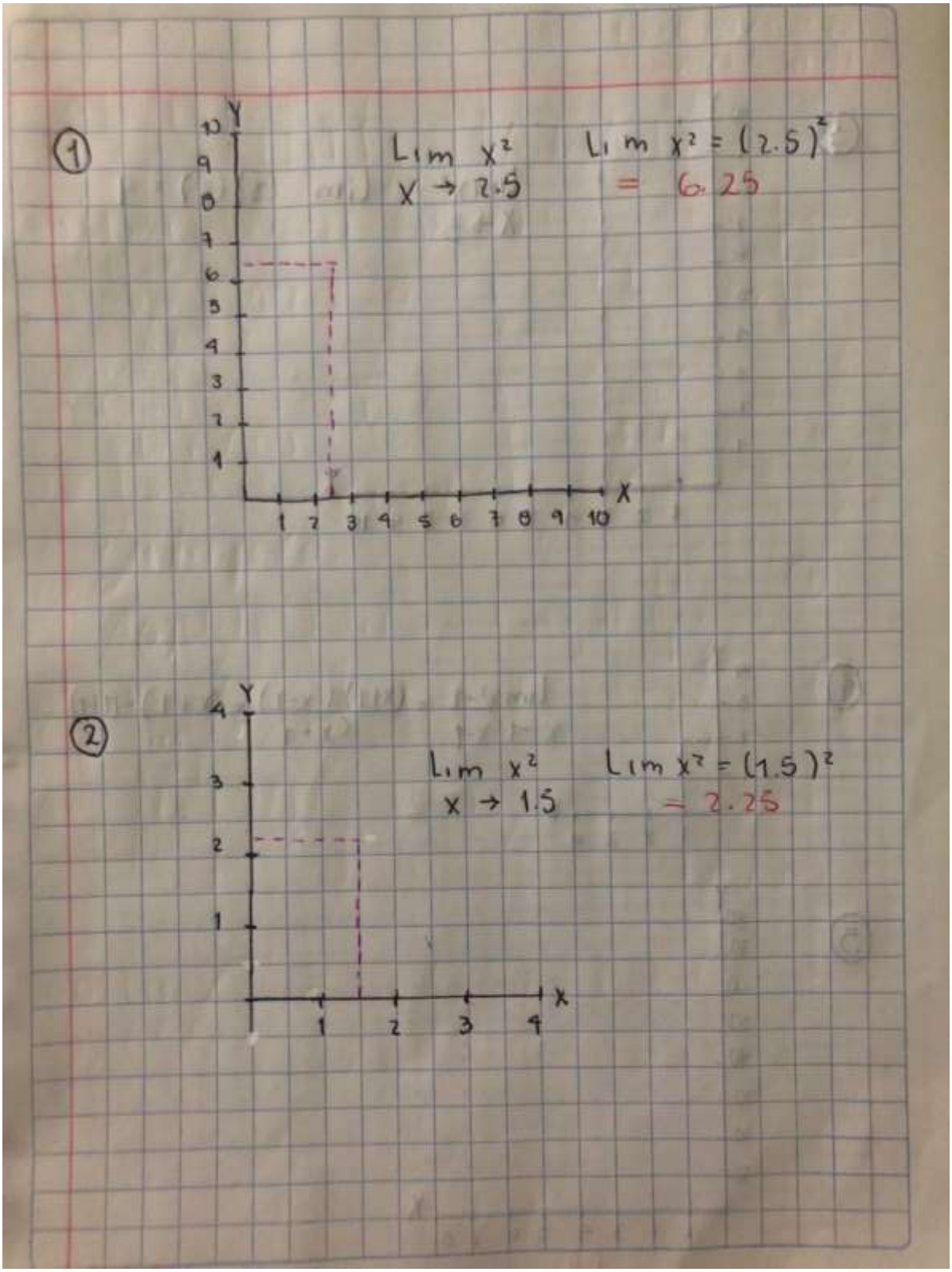
Materia: Biomatemáticas

Grado: 2

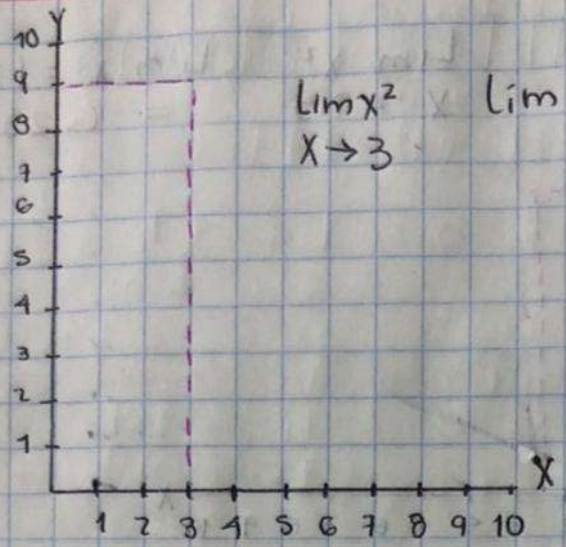
Grupo: A

Comitán de Domínguez a 20 de febrero del 2022

Poniendo límites

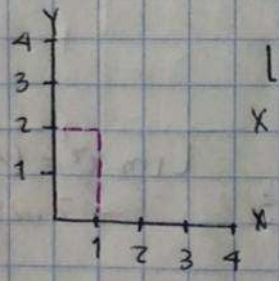


③



$\lim_{X \to 3} x^2$ Lim (3)(3) = 9

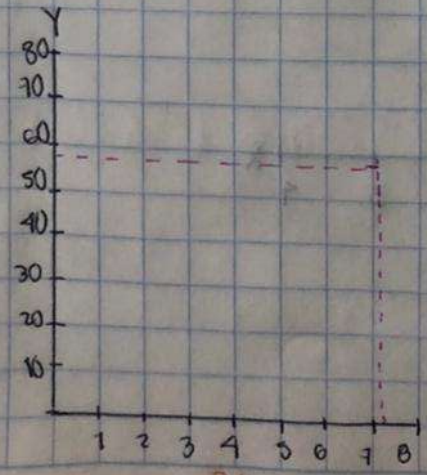
④



$\lim_{X \to 1} \frac{x^2-1}{x-1} = \frac{(x+1)(x-1)}{(x-1)} = (x+1) = (1+1)$

= 2

⑤

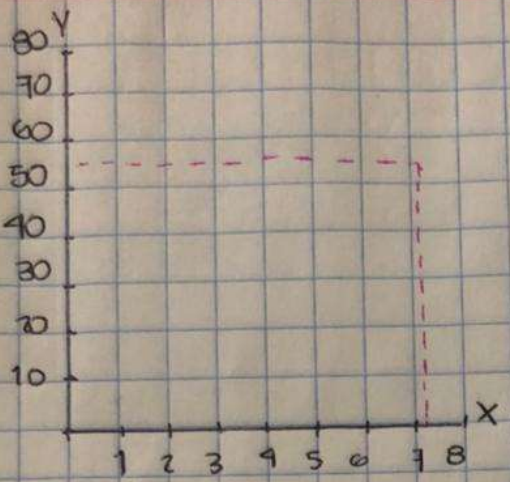


Lím x^2 Lim $(7.2)^2$

Ph → 7.2 = 51.84

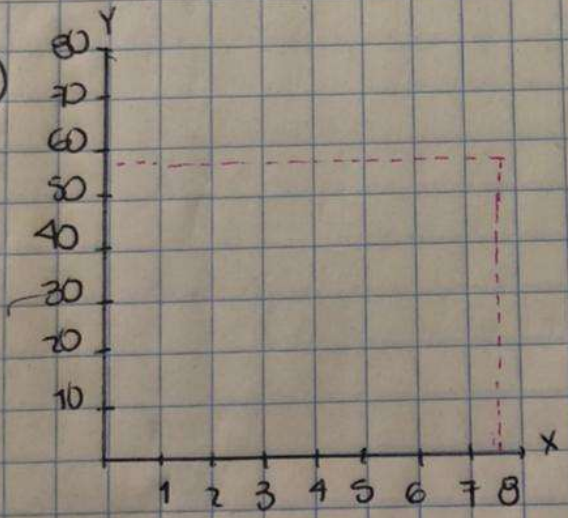
PH

⑥



$\lim_{x \to 7.9} x^2$ $\lim (7.9)^2 = 54.76$

⑦

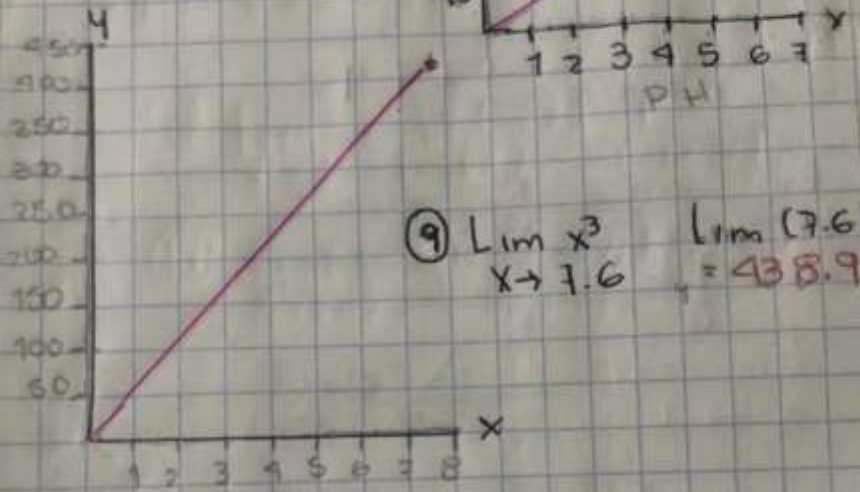


$\lim_{x \to 7.6} x^2$ $\lim (7.4)^2 = 57.76$

miércoles 2022
08.02

ejercicios

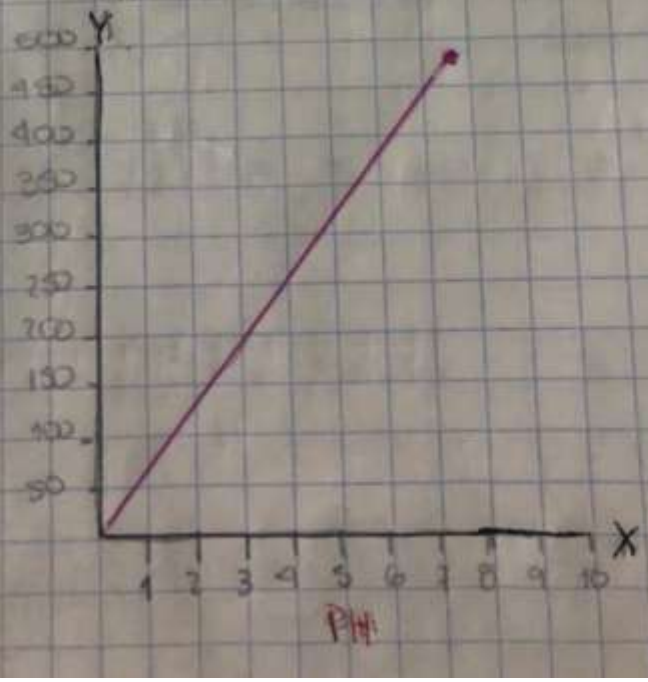
⑧ $\lim_{x \to 6.6} x^2$ $\lim (6.6)^2 = 43.56$

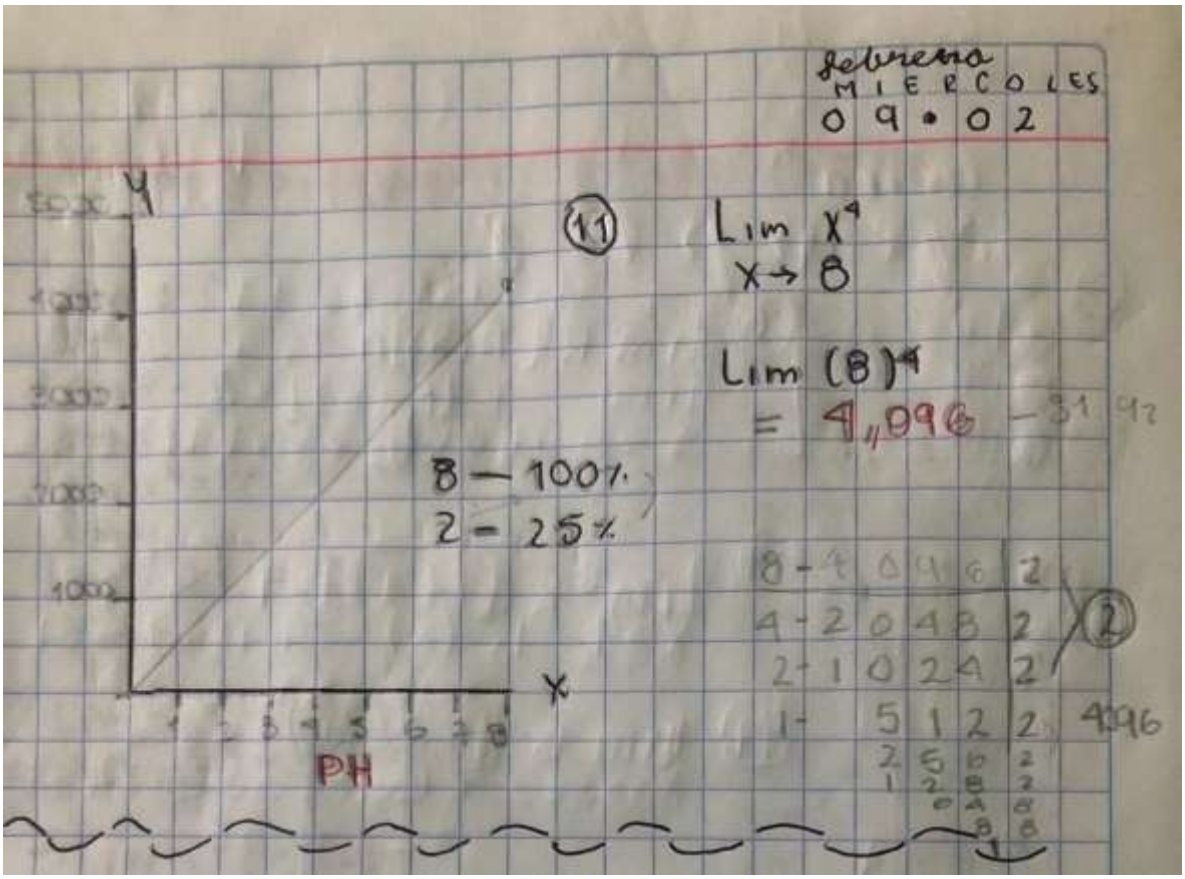


⑨ $\lim_{x \to 7.6} x^3$ $\lim (7.6)^3 = 438.976$

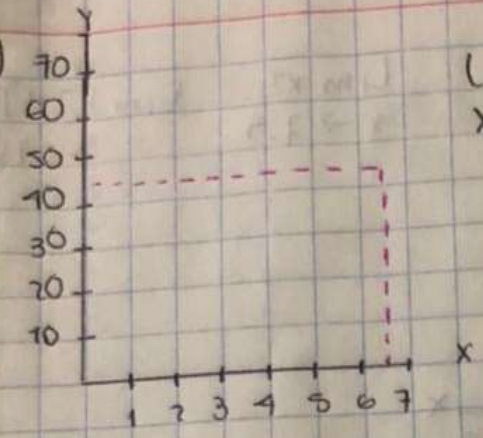
⑩ $\lim_{x \to 7.8} x^3$

$\lim (7.8)^3 = 474.552$



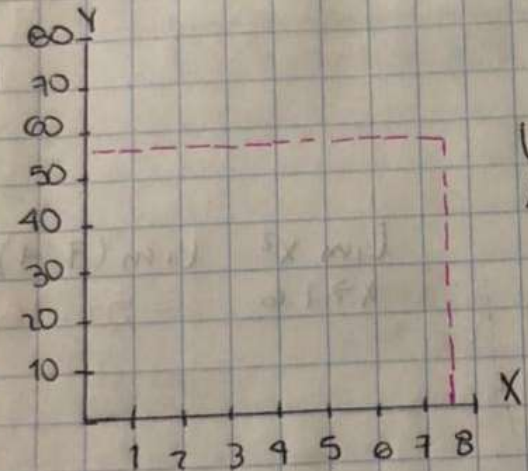

febrero
MIERCOLES
09 • 02
Y
X
PH
11
Lim X⁴
X→8
Lim (8)⁴
= 4,096
8 — 100%
2 — 25%
2
4096

(17)



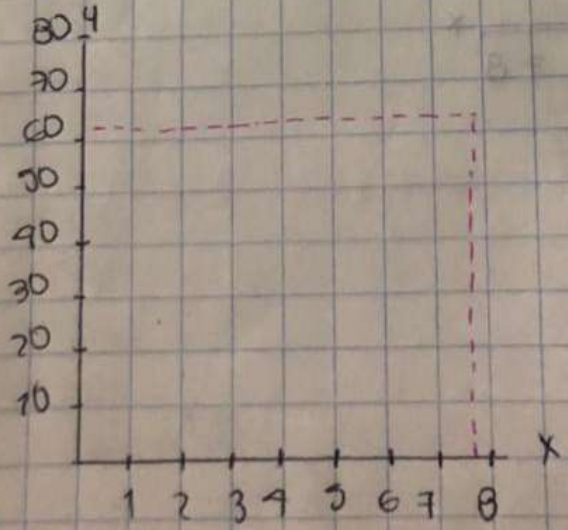
$\lim_{x \to 6.6} x^2$ $\lim (6.6)^2 = 43.56$

(13)



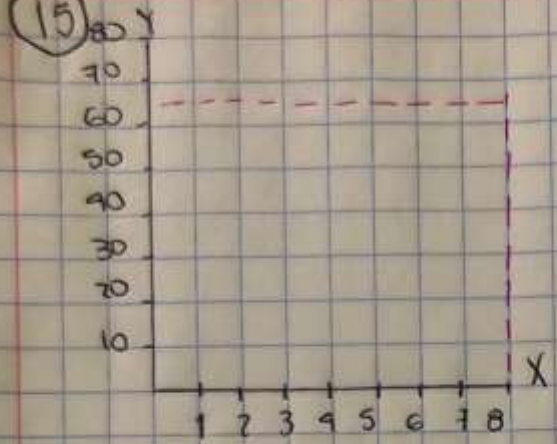
$\lim_{x \to 7.6} x^2$ $\lim (7.6)^2 =$ 57.76

(19)



$\lim_{x \to 7.8} x^2$ $\lim (7.8)^2$ 60.84

15



$\lim_{x \to 8} x^2$ $\lim (8)^2$

64

15·02·2022

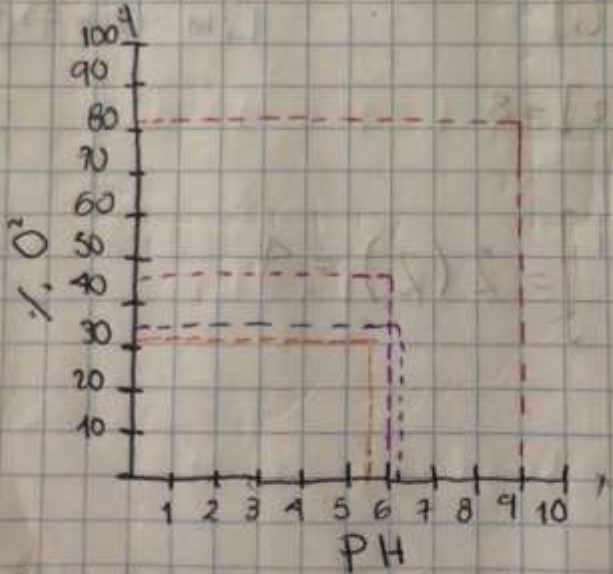
ejemplos

① PH 6
② PH 9
③ PH 9.5

⑯ $\lim_{X \to 6} K[F(x)]$
$K[F(6)] = 6$
$6(6) = 36$

⑰ $\lim_{X \to 9} K[F(9)] = 9$
$K(x) = 9(9) - 81$

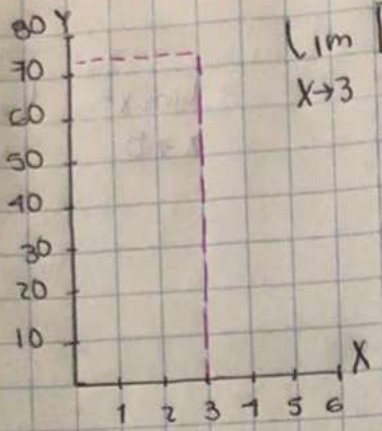
⑱ $\lim_{X \to 5.5} K[F(5.5)] = 5.5$
$K(x) = 5.5(5.5) = 30.25$



⑲ C=8 $\lim_{X \to 6.1}$ 80x
$80(6.1) = 488$
$\lim_{X \to 6.1}$ 6.1×100
$2 = 32.78$

¿SatO² Hb?
K = 80
Ph = 6.1

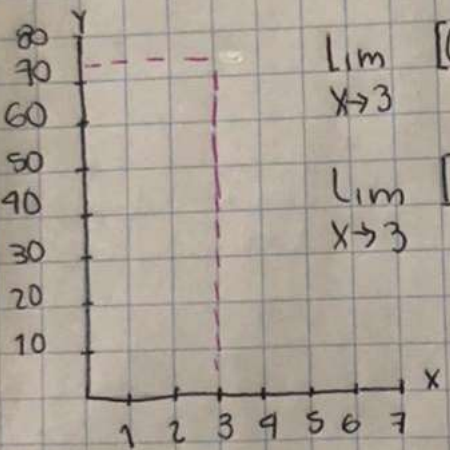
(20)



$\lim_{X \to 3} [2x \cdot 4x] \quad \lim [(2)3 \cdot 4(3)] =$

$6 \cdot 12 = 72$

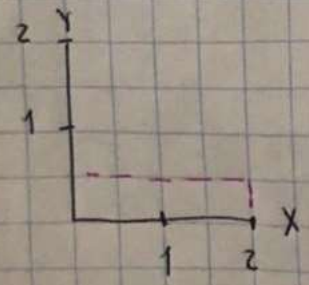
(21)



$\lim_{X \to 3} [(2)(3) \cdot (4)(3)] =$

$\lim_{X \to 3} [6 \cdot 12] = 72$

(22)



$\lim_{X \to 2} \frac{4X}{8X} = \frac{4(2)}{8(2)} = \frac{8}{16} = .5$

15·02·2022

tarea

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

(24) $\lim_{x \to 2} [2x]^3 = \lim [2(2)]^3 = [4]^3 = 64$

(25) $\lim_{x \to 2} \sqrt{2x} = \lim \sqrt{2(2)} = \sqrt{4} = 2$