

$$B^3 = CD + DA$$

$$B^3 = (D - C \sin B)$$

$$B^3 = D^2 - 3A \cos B^3 + A \sin B$$

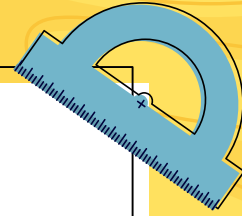
$$B^3 = D^2 - 4A \cos B^3 + C \sin B$$

$$B^3 = C^3 - A^2 - 3 \cos B$$

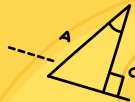
OPTICA

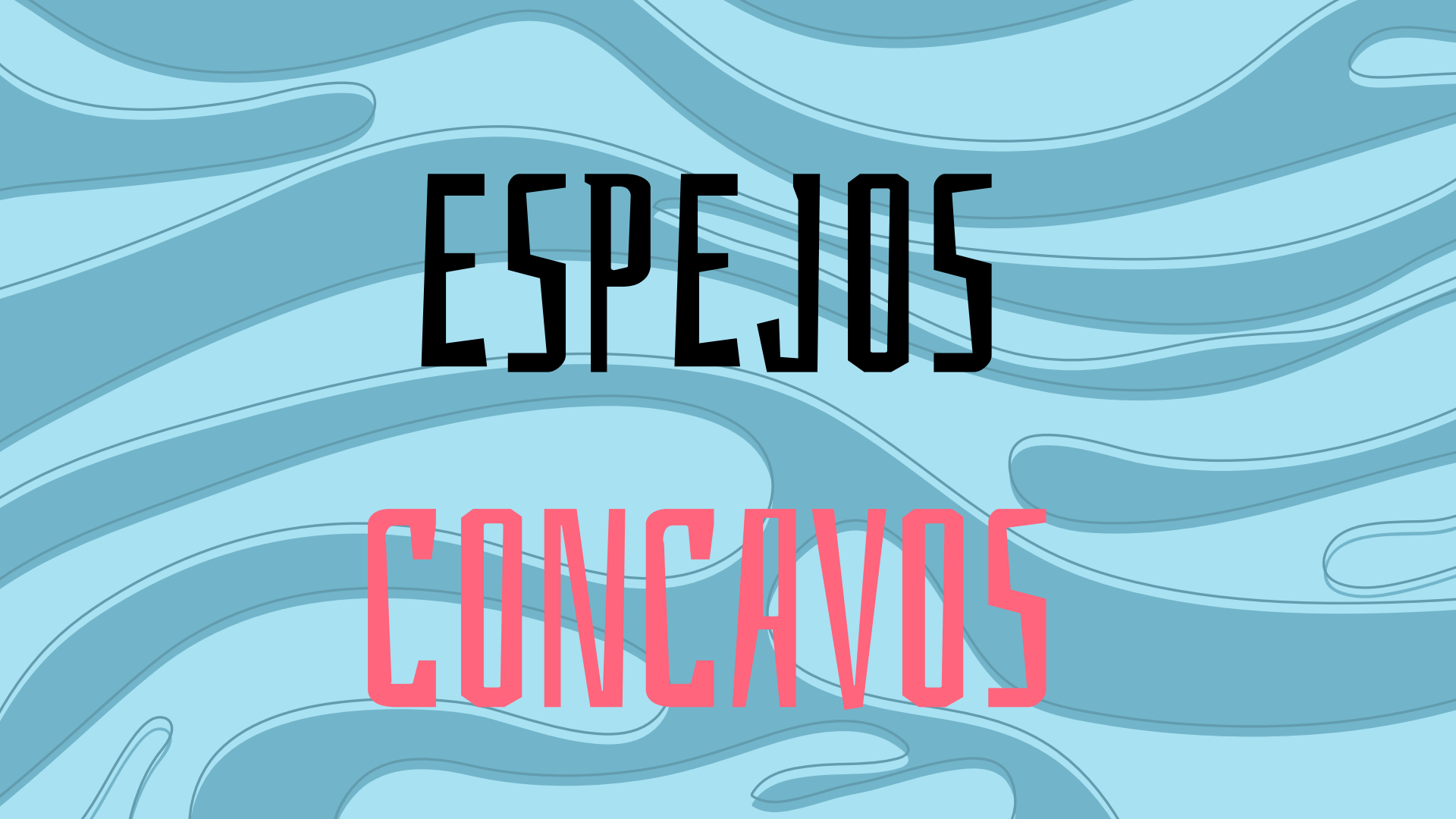
ESPEJOS-LENTE

—YEIMY KATHERINE ARENAS SANTOS



$$x_2^4 + x_3^2 = (x_2 + x_3)$$



The background of the image consists of several horizontal, wavy lines in various shades of blue, creating a sense of movement and depth. The lines are thicker in some areas and thinner in others, giving it a hand-drawn or organic feel.

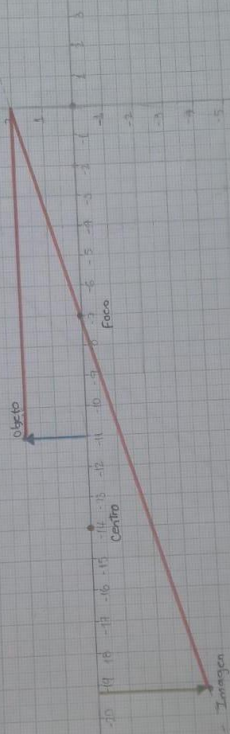
ESPEJOS

CONCAVOS

Espejo Cóncavo

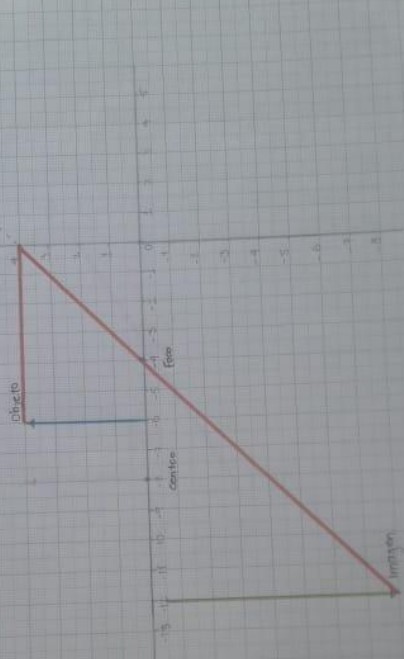
Caso 1. $N=1$

1.



Yemmy Arenas

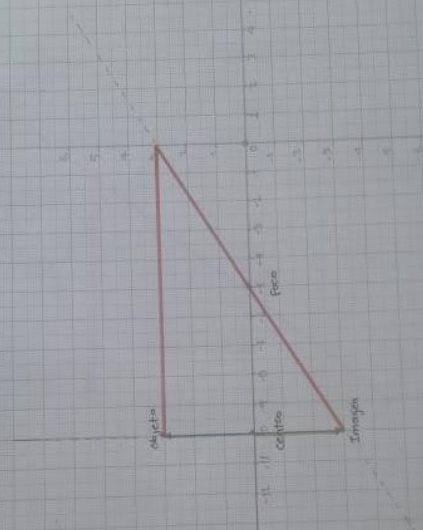
1. Caso $N=2$



Yemmy Arenas

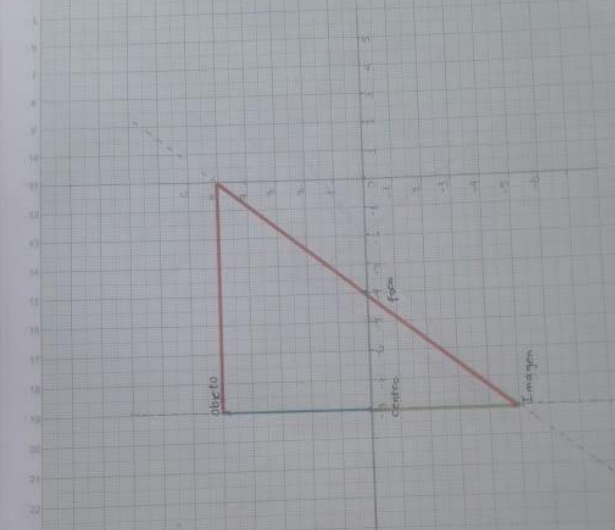
$$\frac{3 \sin 4}{\sqrt{3 \cdot 2 \cdot 4}}$$

2. caso $N=1$



Yeimy Acenas

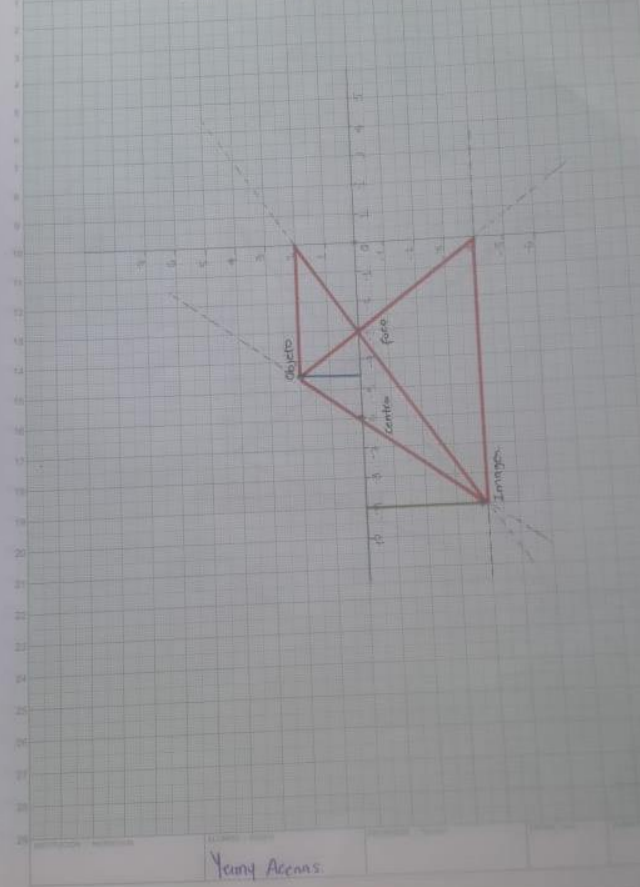
2 caso $N=1$



Yeimy Acenas

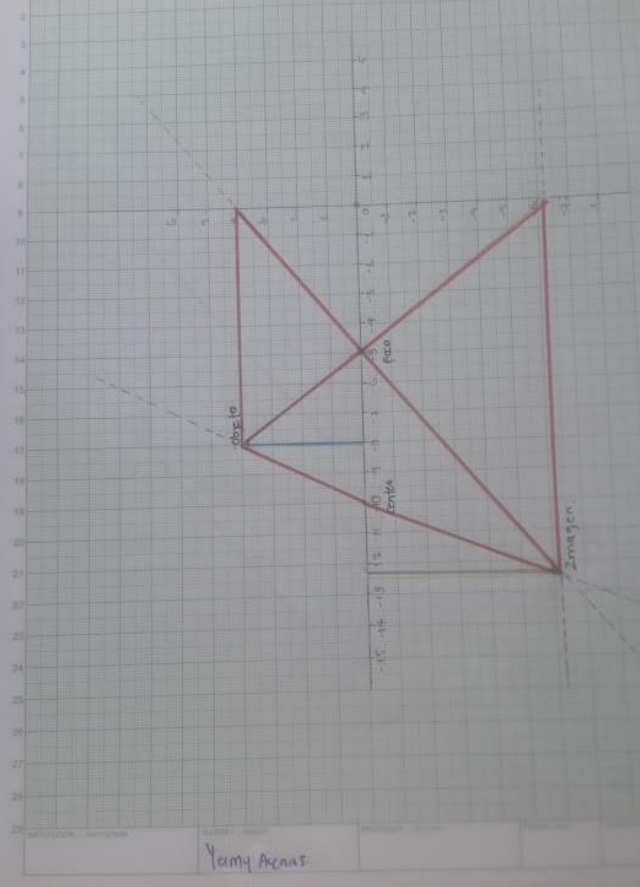


Caso 3. $N=1$



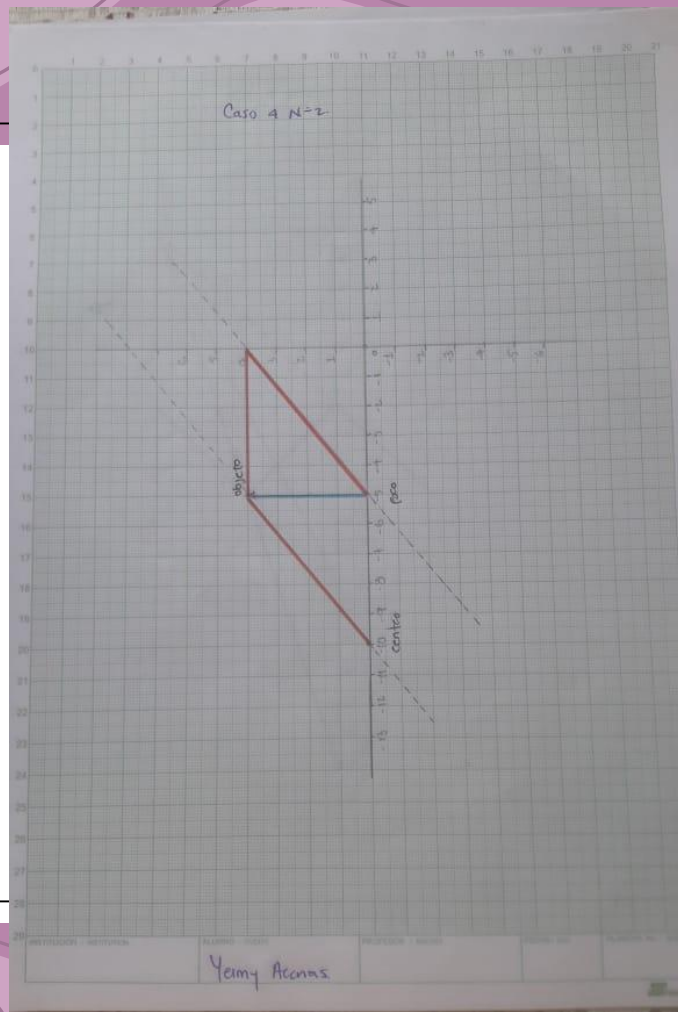
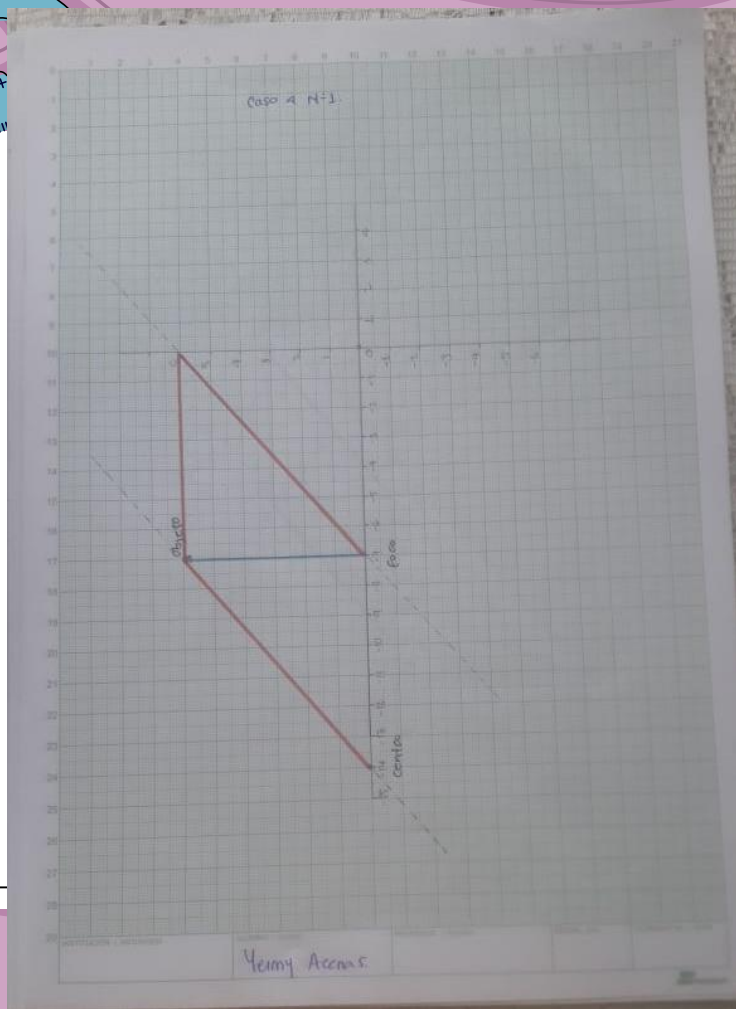
Yenny Arenas

Caso 3. $N=2$

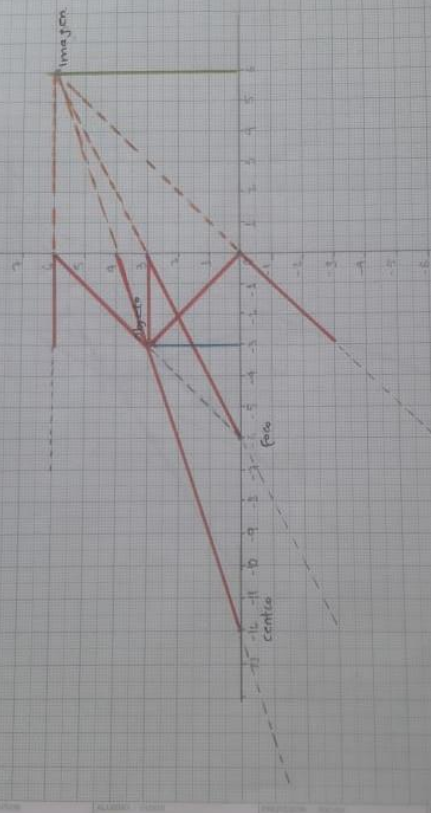


Yenny Arenas

$$\frac{3 \sin 4}{\sqrt{3 \cdot 2 \cdot 4}}$$

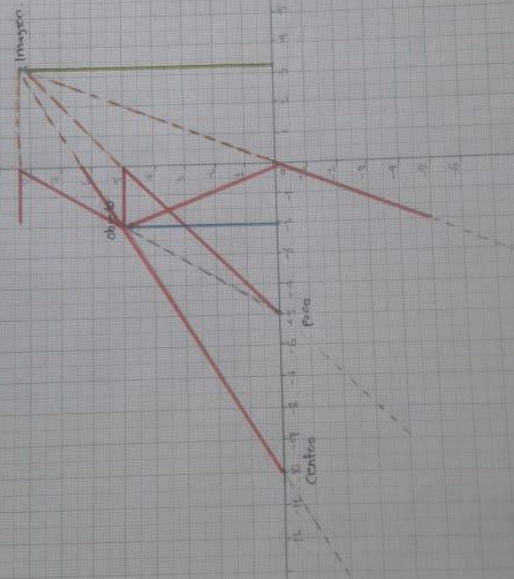


Caso 5 N=1.



Yenny Aceas.

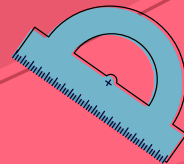
Caso 5 N=2.

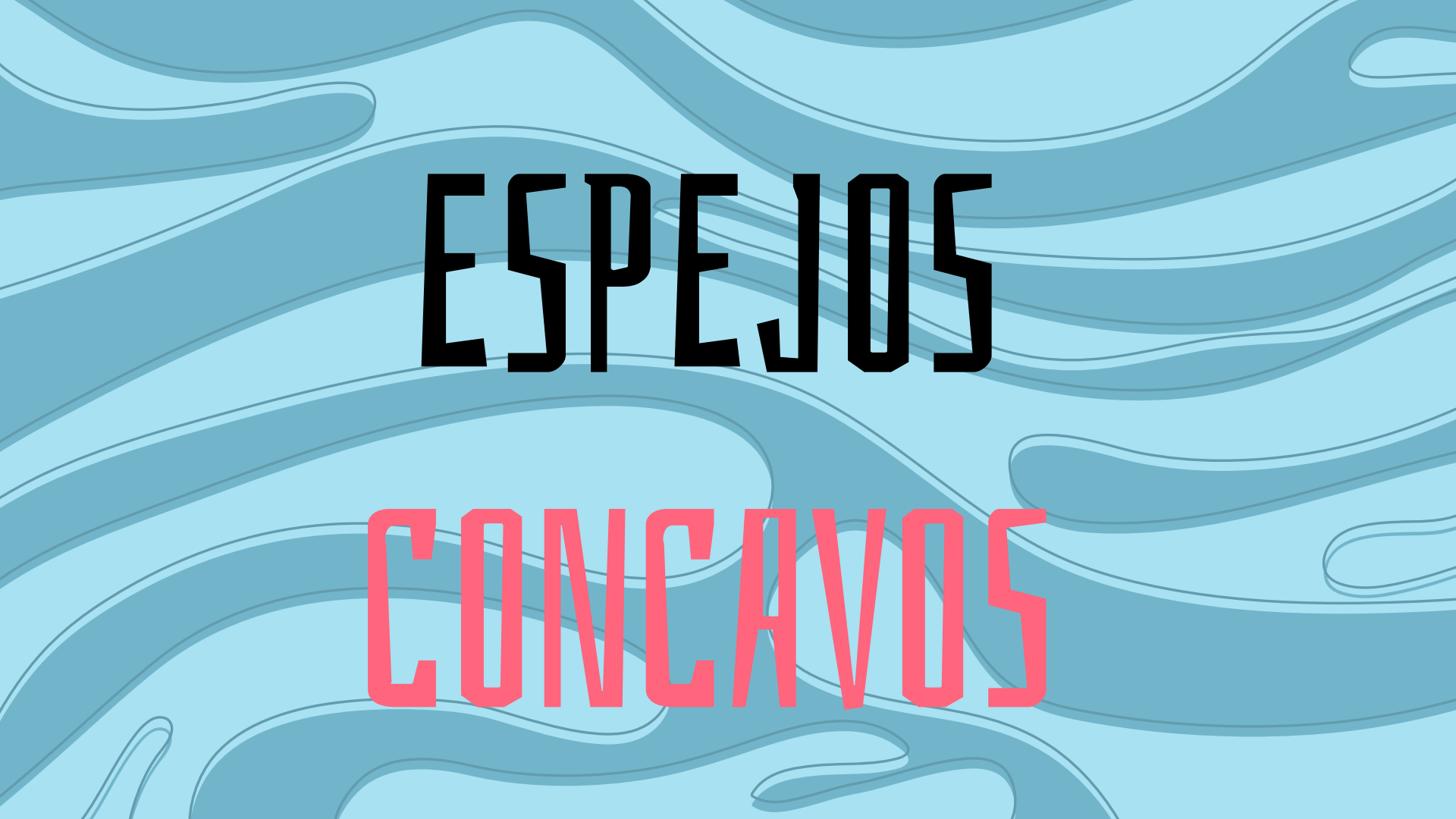


Yenny Aceas.

3 SIN

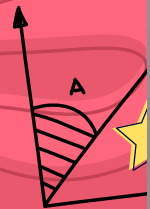
$\sqrt{3 \cdot 2 \cdot 4}$



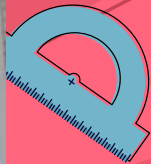
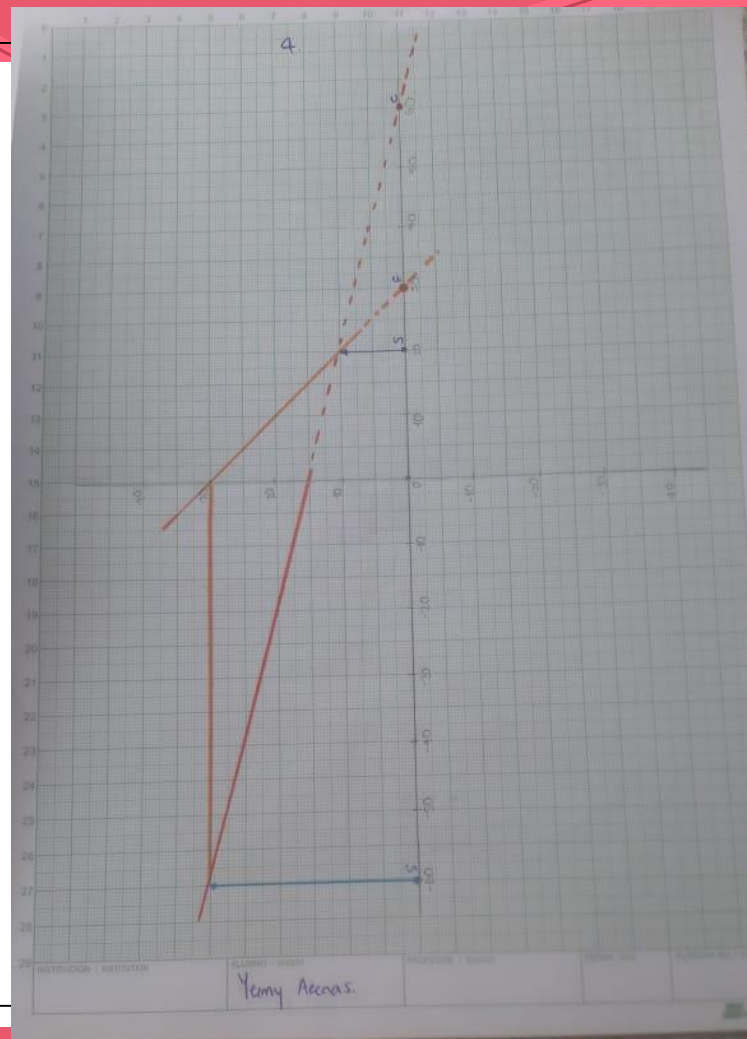
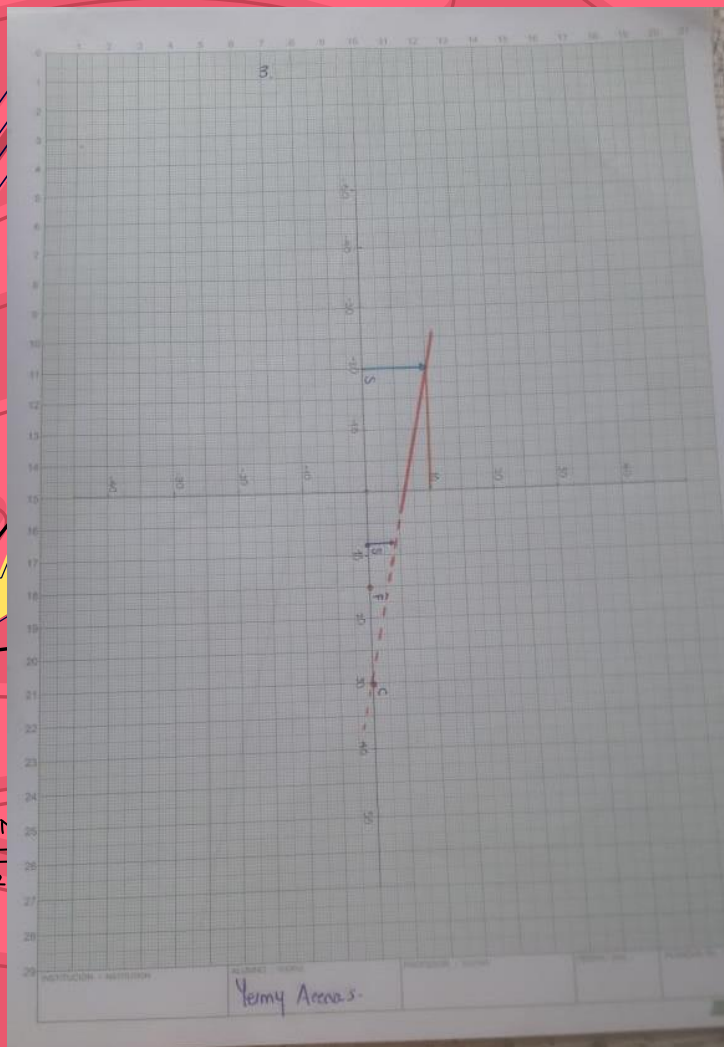
The background of the image consists of several horizontal, wavy lines in various shades of blue, creating a sense of movement and depth. The lines are thicker in some areas and thinner in others, giving it a hand-drawn or organic feel.

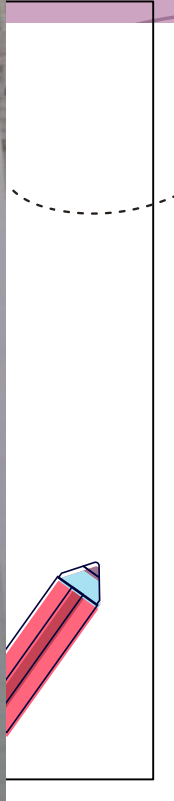
ESPEJOS

CONCAVOS



$$\frac{3 \sin}{\sqrt{3.2}}$$



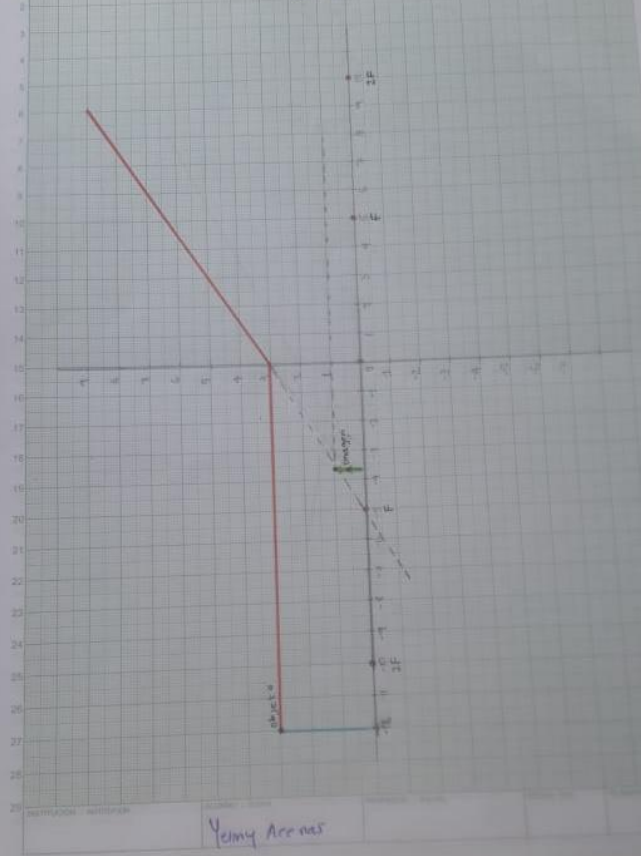


The background of the image consists of several horizontal, wavy bands of different shades of blue, ranging from a very light sky blue to a medium seafoam green. These bands are separated by thin, darker blue lines, creating a layered, topographical effect.

LENTE

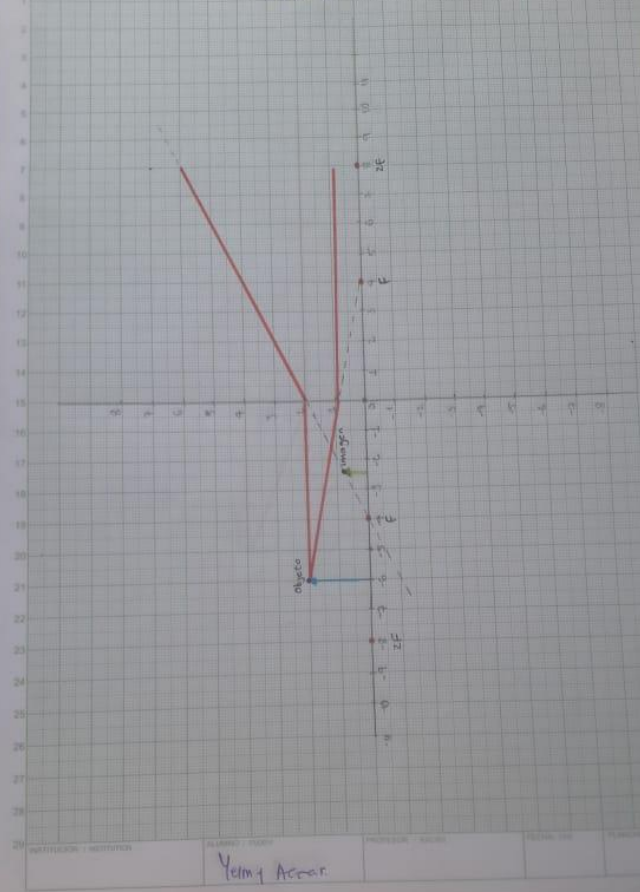
DIVERGENTES

Lente divergente Caso 1.



Yelmy Armar

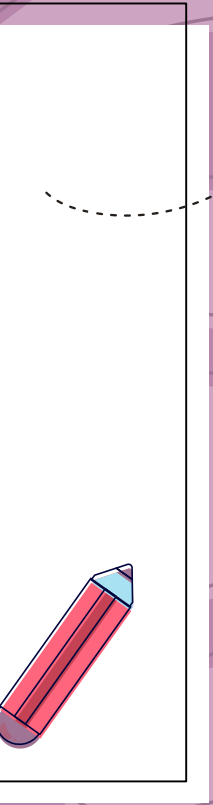
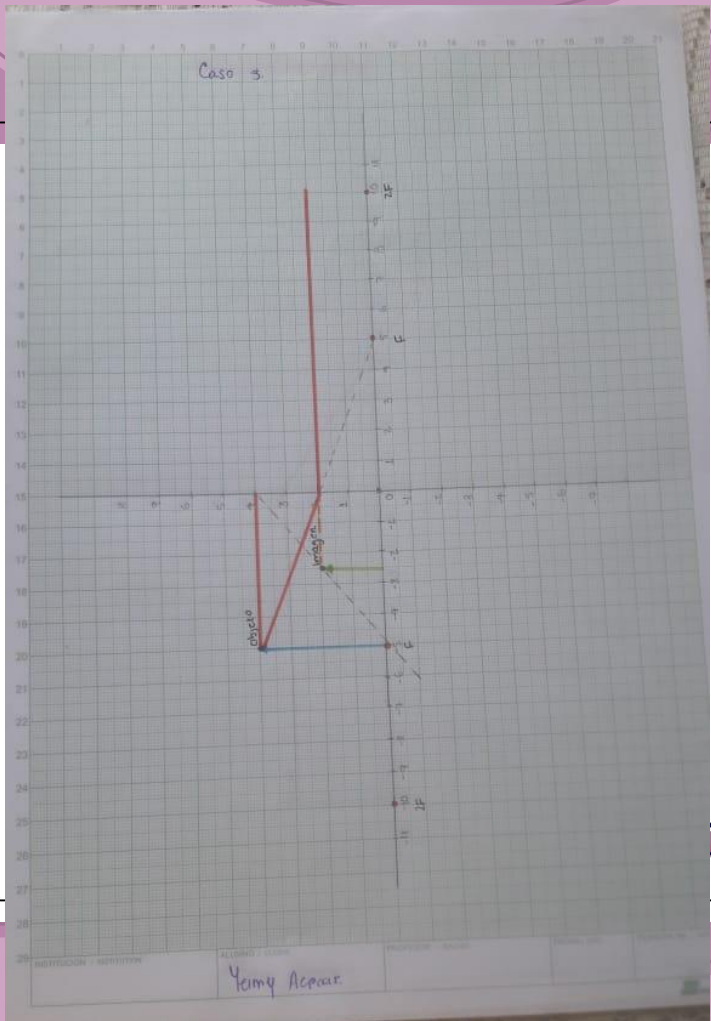
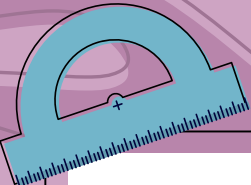
Caso 2.

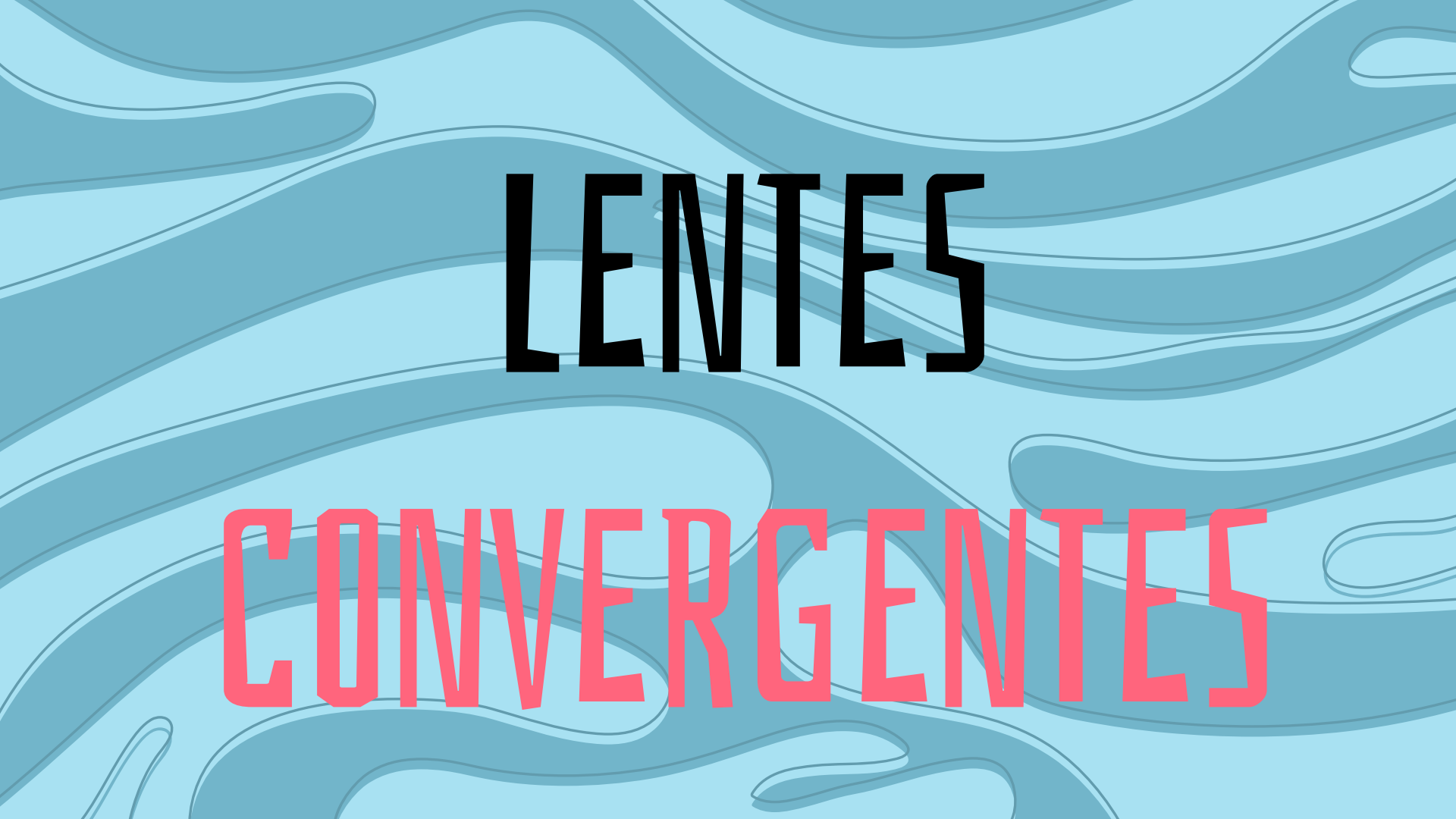


Yelmy Armar

3 SIN

$\sqrt{3.2.4}$

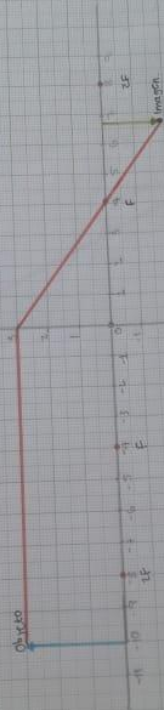


The background of the image consists of several thick, wavy, horizontal lines in various shades of blue, creating a fluid, water-like texture. The lines vary in thickness and color, ranging from a light sky blue to a deeper cerulean blue.

LENTES

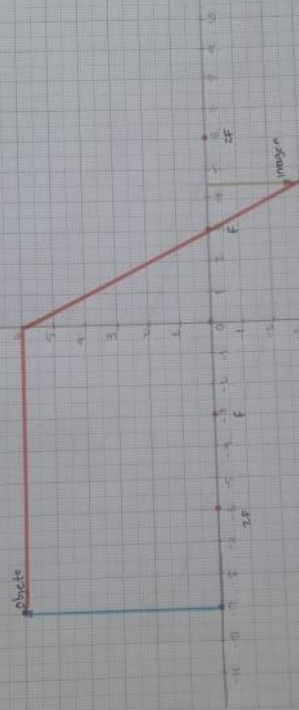
CONVERGENTES

Lente convergente
Caso 1 $N=1$.



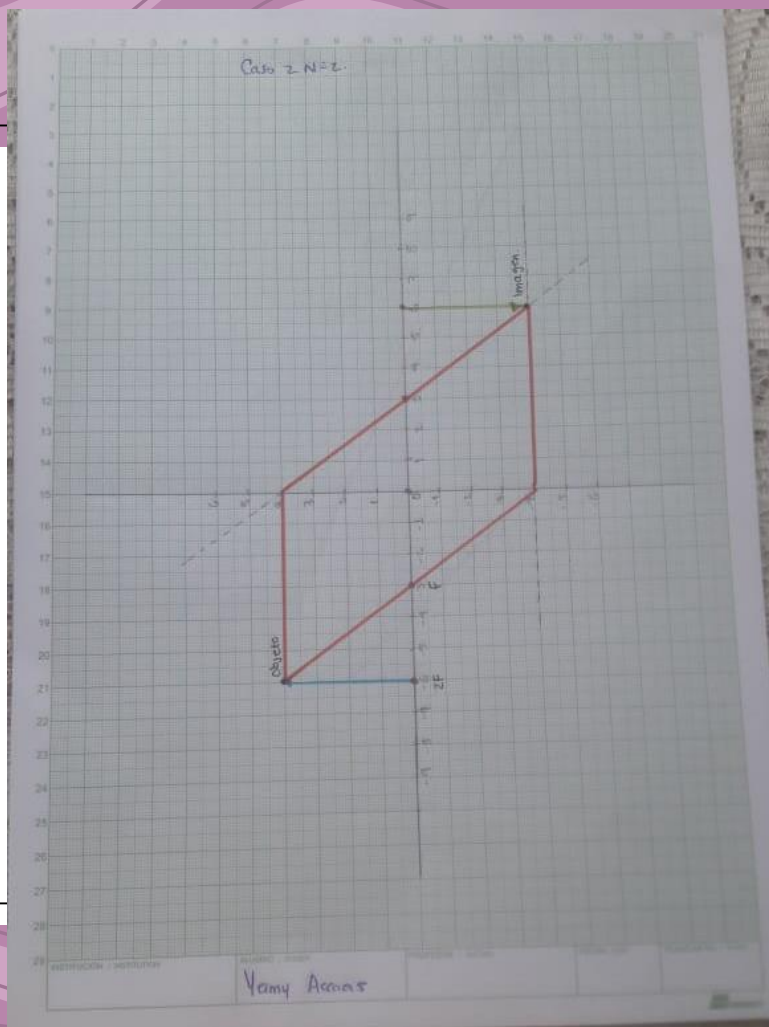
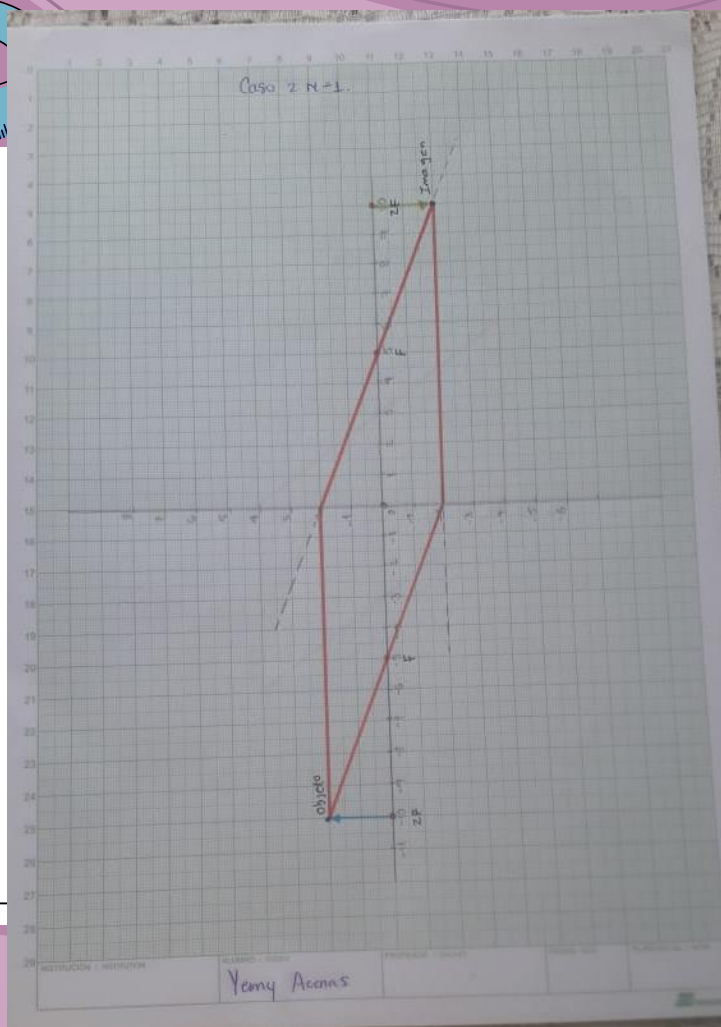
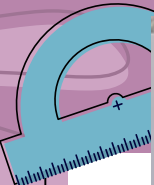
Yamy Arems

Caso 1 $N=2$.

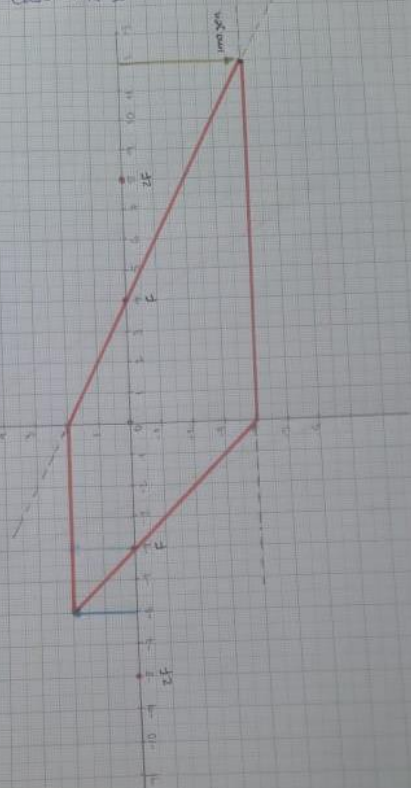


Yamy Arems

$$\frac{3 \sin}{\sqrt{3.2.}}$$

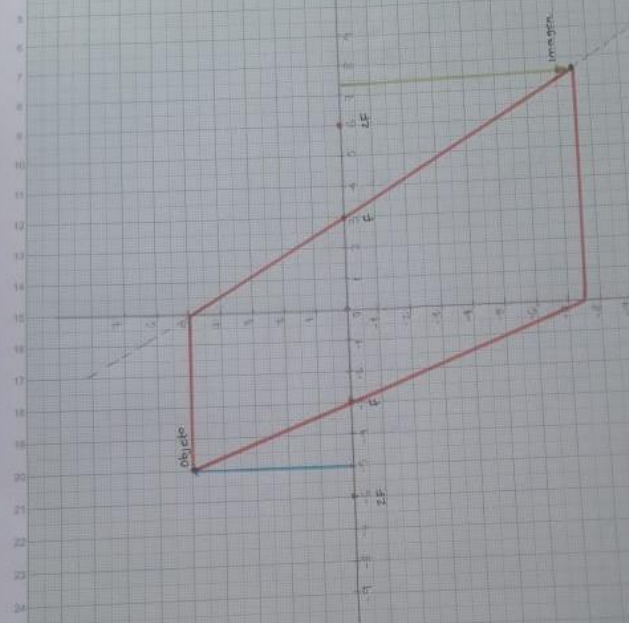


Caso 3 N° 1.

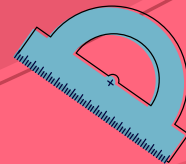


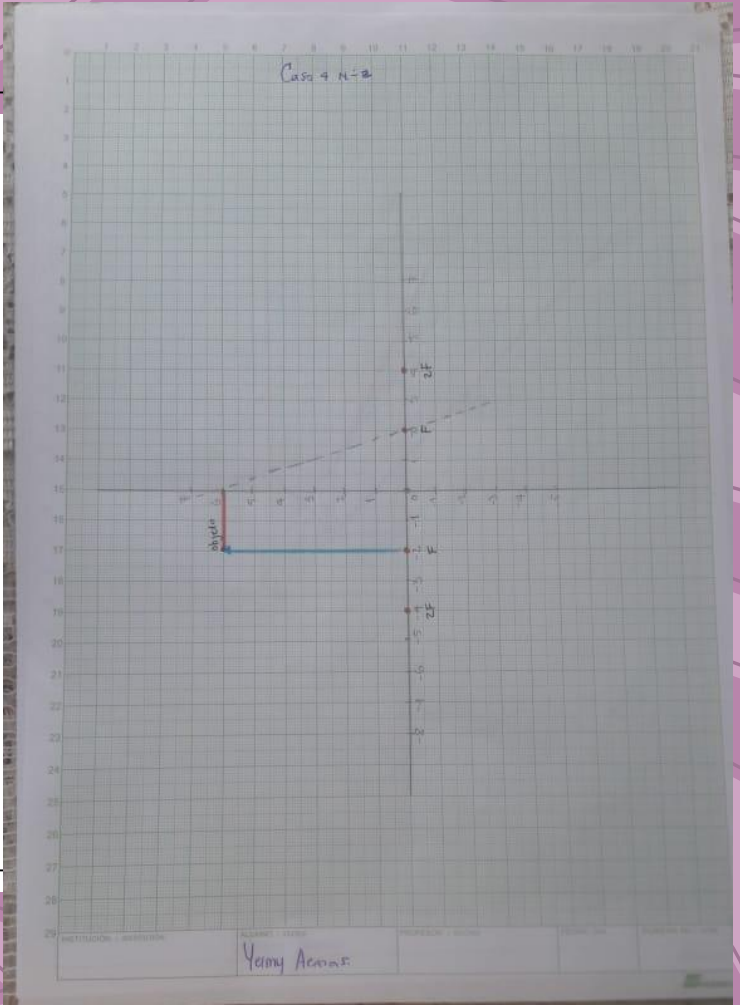
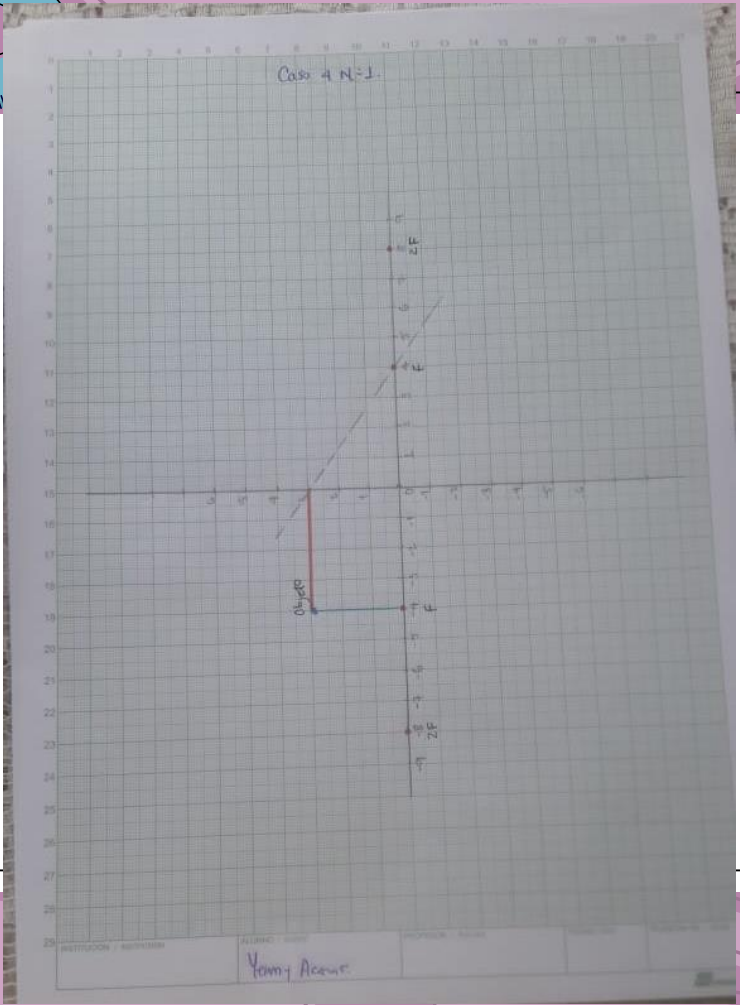
Yenny Arceles

Caso 3 N° 2.



Yenny Arceles





MUCHAS

GRACIAS

