

Ejercicios



Nombre de alumno: *Gael*

Nombre del trabajo

Materia: *Mate aplicada*

Grupo: recursos humanos

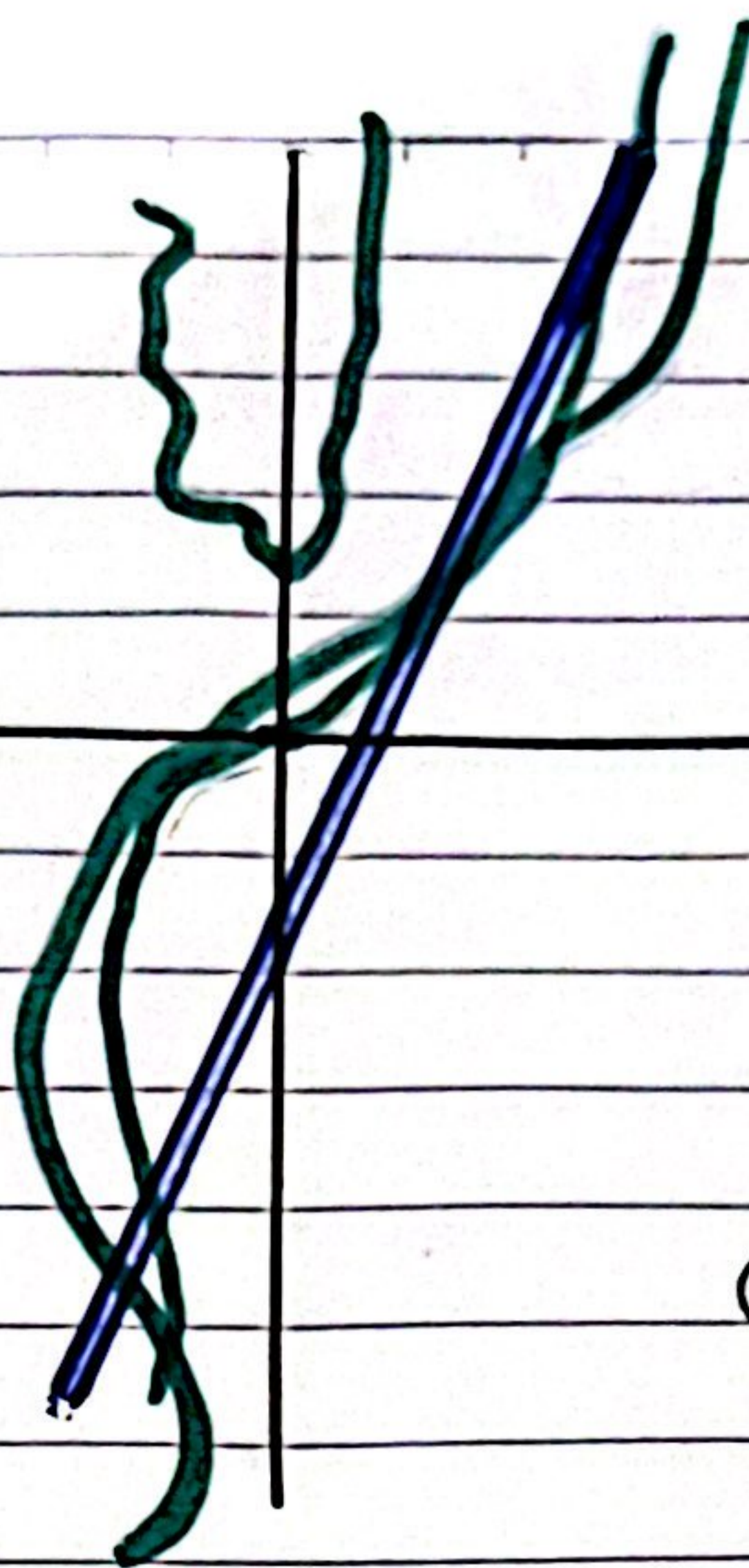
i) $F(x) = x^{11} + 3x^2 - 2x$
 $F(x) = 4x^3 + 6x - 2$

ii) $G(x) = 4x^3 + 6x - 2$
 $G(x) = 12x^2 + 6$

iii) $H(x) = 12x^2 + 6$
 $H(x) = 24x$

iv) $I(x) = 24x$
 $I(x) = 24$

v) $J(x) = \emptyset$



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i) $F(x) = 5x^5 + x^4 + x^3 - 6x + 8$
 $F(x) = 25x^4 + 4x^3 + 3x^2 - 12x$

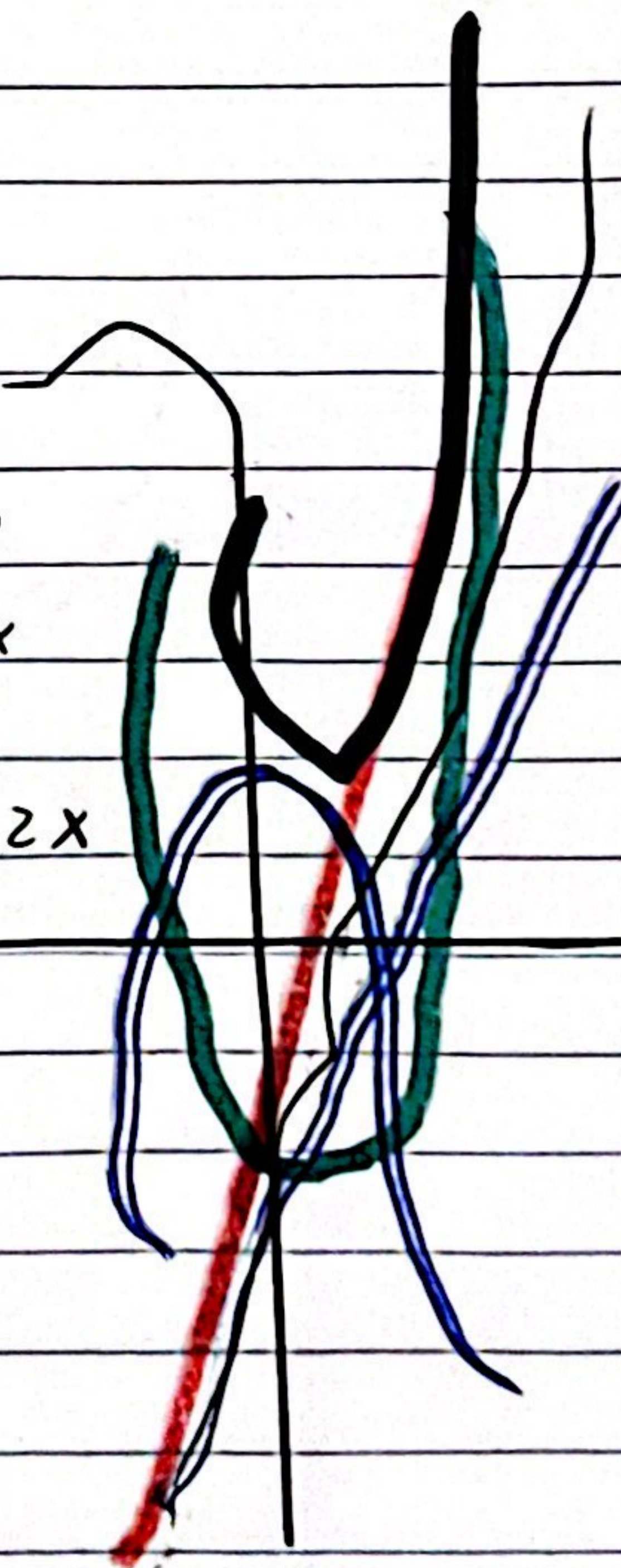
ii) $G(x) = 25x^4 + 4x^3 + 3x^2 - 12x$
 $G(x) = 100x^3 + 12x^2 + 6x - 12$

iii) $H(x) = 100x^3 + 12x^2 + 6x - 12$
 $H(x) = 300x^2 + 24x + 6$

iv) $I(x) = 300x^2 + 24x + 6$
 $I(x) = 600x + 24$

v) $J(x) = 600x + 24$
 $J(x) = 600$

$= \emptyset$



$$F(x) = -3x^2 - 5x$$

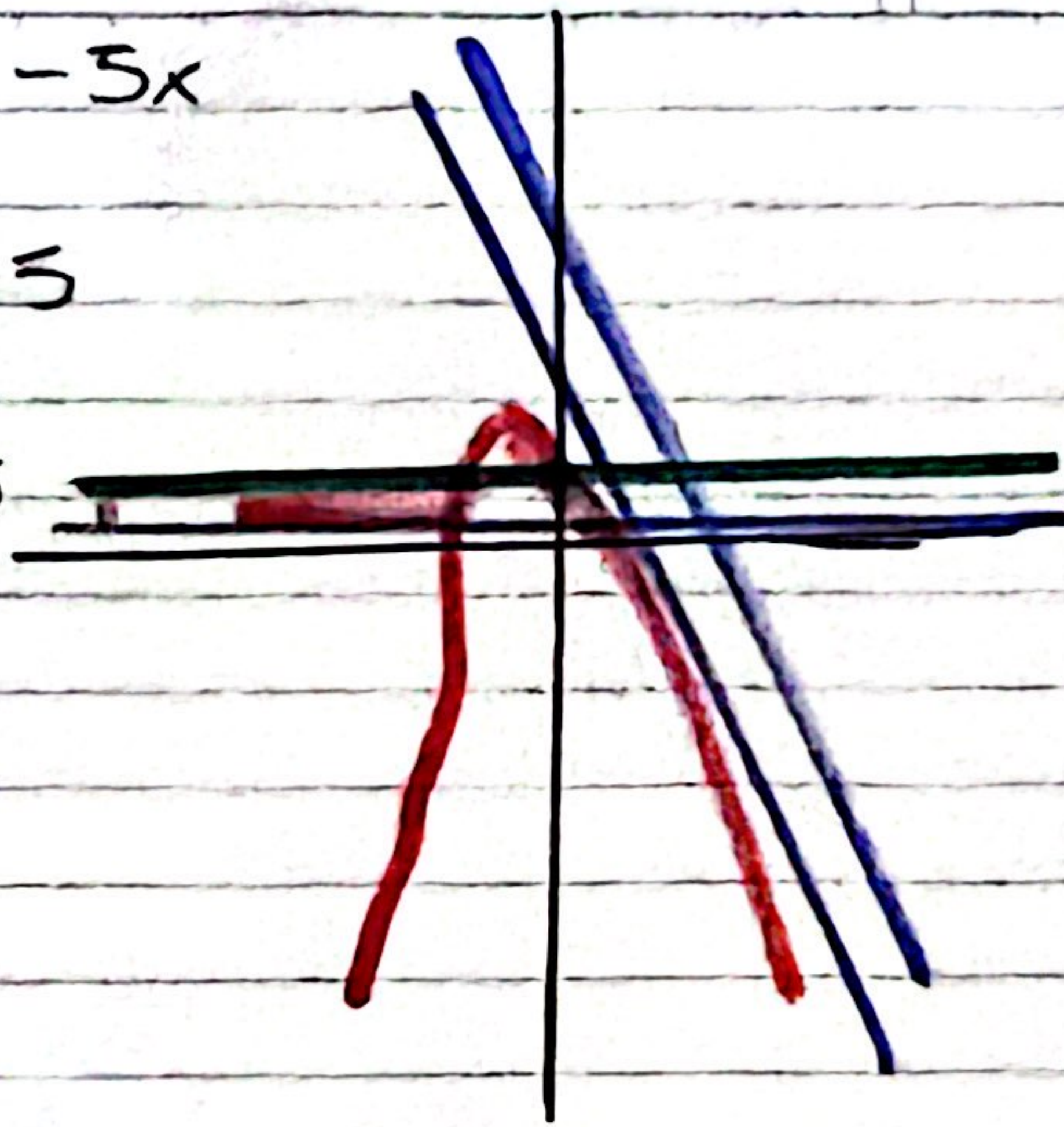
$$F'(x) = -6x - 5$$

$$\text{II } G(x) = -6x - 5$$

$$G(x) = -6$$

$$\text{III } H(x) = -6$$

$$H(x) = \emptyset$$



Gae

$$\text{I } F(x) = 4x^2 - 3x^3 - 6$$

$$F(x) = 9x^2 + 8x - 6$$

$$\text{II } G(x) = -9x^2 + 8x - 6$$

$$G(x) = -18x + 8$$

$$\text{III } H(x) = -18x + 8$$

$$H(x) = -18$$

$$\text{IV } i(x) = -18$$

$$i(x) = \emptyset$$

