



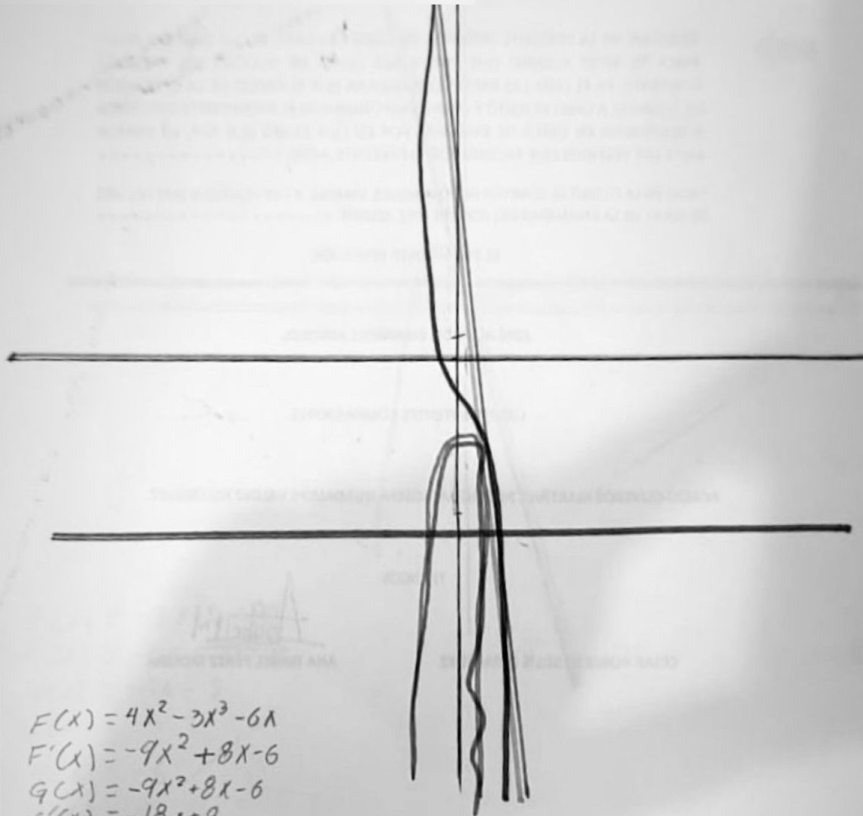
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Nombre del trabajo *Ejercicios*

Materia: *Mate aplicada*

Grupo: **recursos humanos**

Scanned with CamScanner



$$F(x) = 4x^2 - 3x^3 - 6\lambda$$

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

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

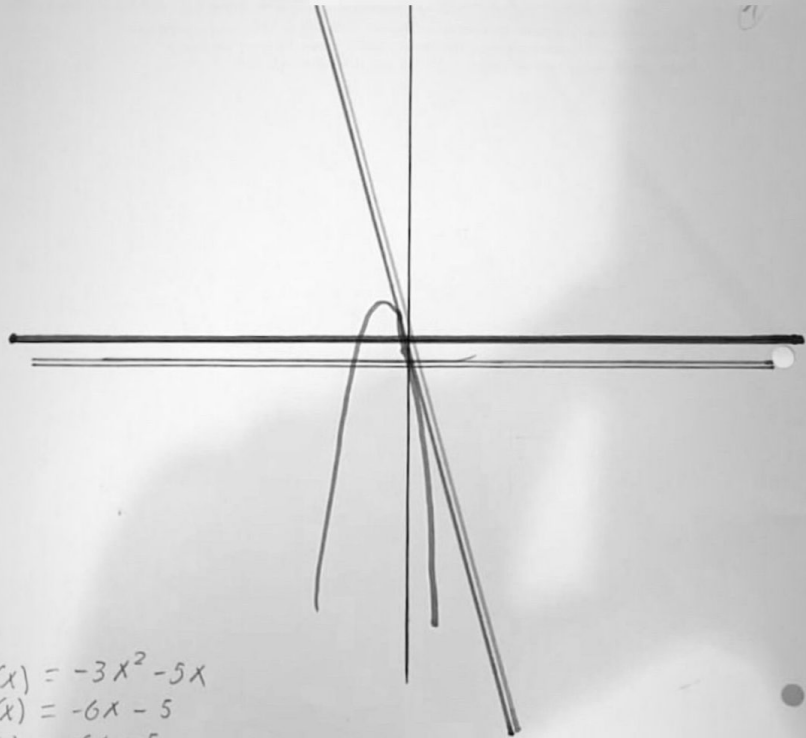
$$G'(x) = -18x + 8$$

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

$$H'(x) = -18$$

$$i(x) = -18$$

$$i'(x) = \emptyset$$



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


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

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

$$F'''(x) = 0$$

$$H(x) = -6$$

$$H'(x) = 0$$



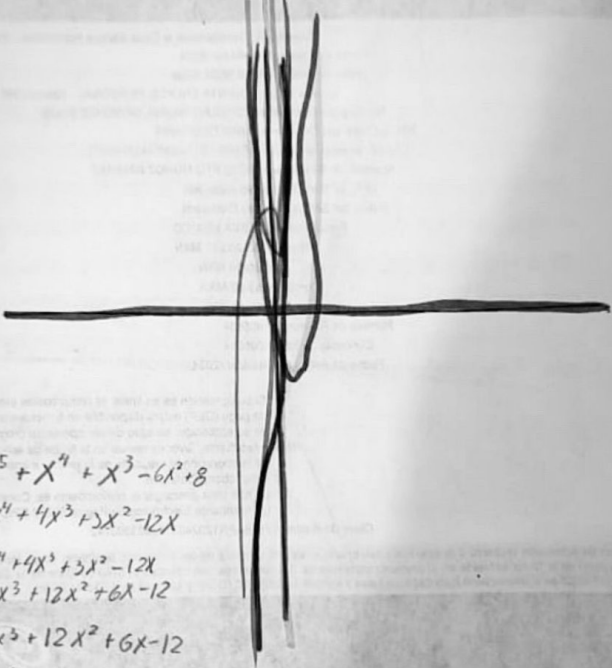
I $F(x) = x^4 + 3x^2 - 2x$
 $F'(x) = 4x^3 + 6x - 2$

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 $J(x) = 0$



I $F(x) = 5x^5 + x^4 + x^3 - 6x^2 + 8$

$F'(x) = 25x^4 + 4x^3 + 3x^2 - 12x$

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 $J(x) = 600x + 24$

$J'(x) = 600$

= 0