

# UDS

## Mi Universidad

**NOMBRE DEL PROFESOR: JORGE SEBASTIAN DOMINGUEZ TORRES**

**NOMBRE DEL ALUMNO: MARÍA JOSÉ ALBORES ESCALANTE**

**NOMBRE DE LA MATERIA: MATEMATICAS APLICADAS**

**PARCIAL: 2**

**TEMA: MATEMATICAS**

**COMITAN DE DOMINGUEZ, CHIAPAS A 14 DE JUNIO DE 2024**

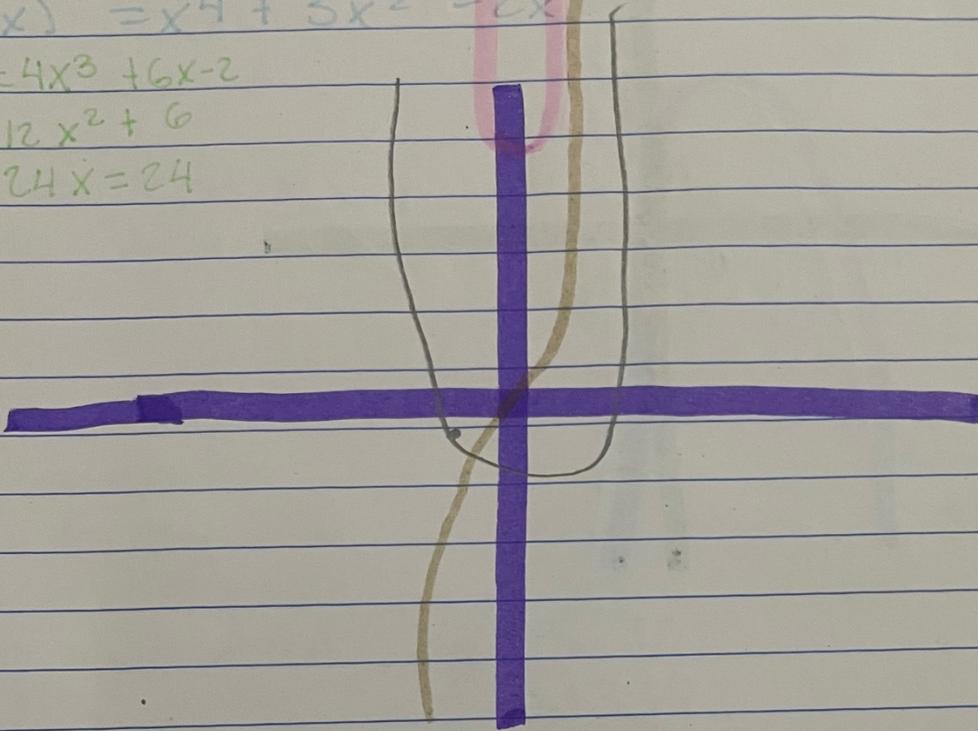
# Tarea plataforma

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

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

$$F''(x) = 12x^2 + 6$$

$$F'''(x) = 24x = 24$$



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

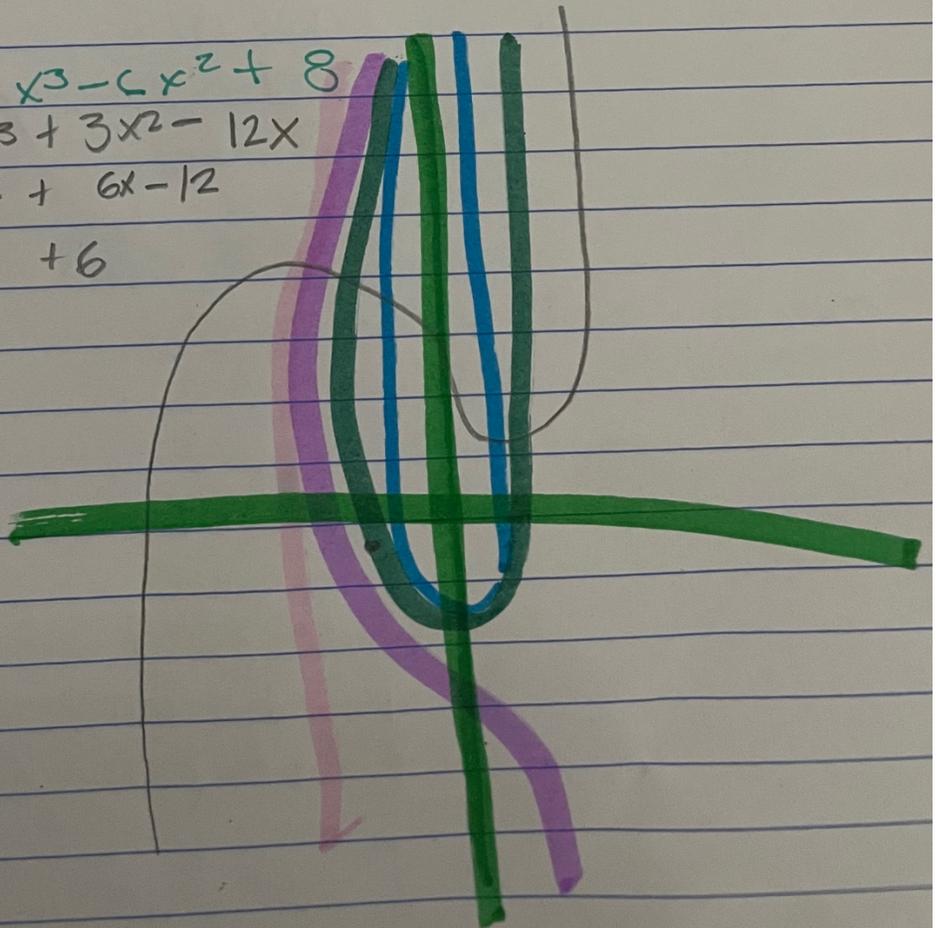
$$F'(x) = 25x^4 + 4x^3 + 3x^2 - 12x$$

$$F''(x) = 100x^3 + 12x^2 + 6x - 12$$

$$F'''(x) = 300x^2 + 24x + 6$$

$$F^{(4)}(x) = 600x + 24$$

$$F^{(5)}(x) = 600$$



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

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

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

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

