

## RAZONAMIENTO LOGICO MATEMATICO

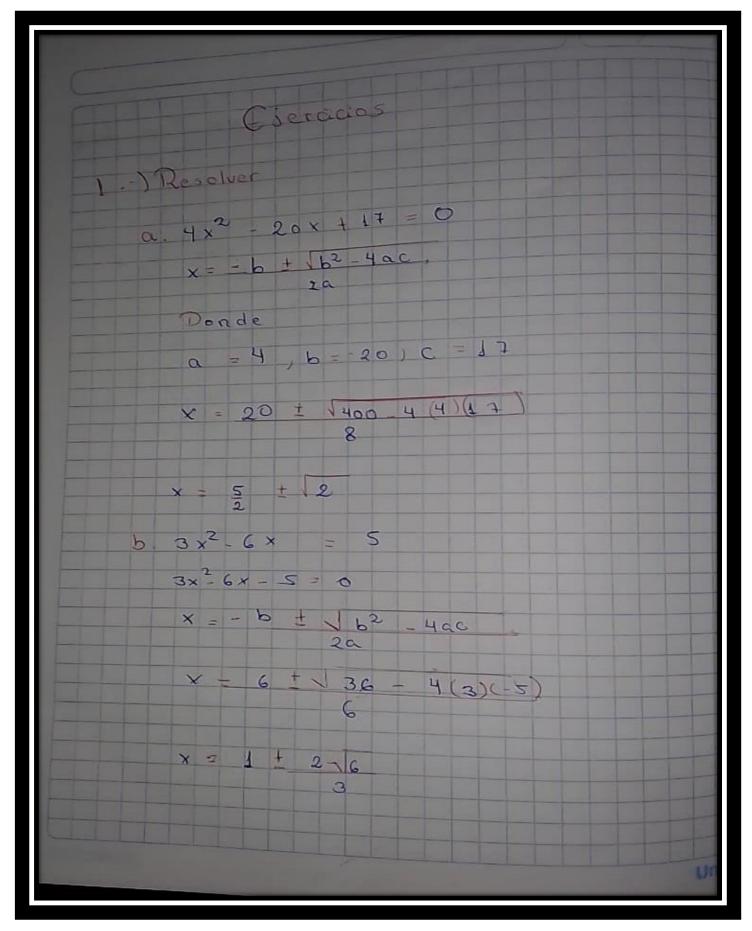
DOCENTE: Eliseo Velasquez Condori

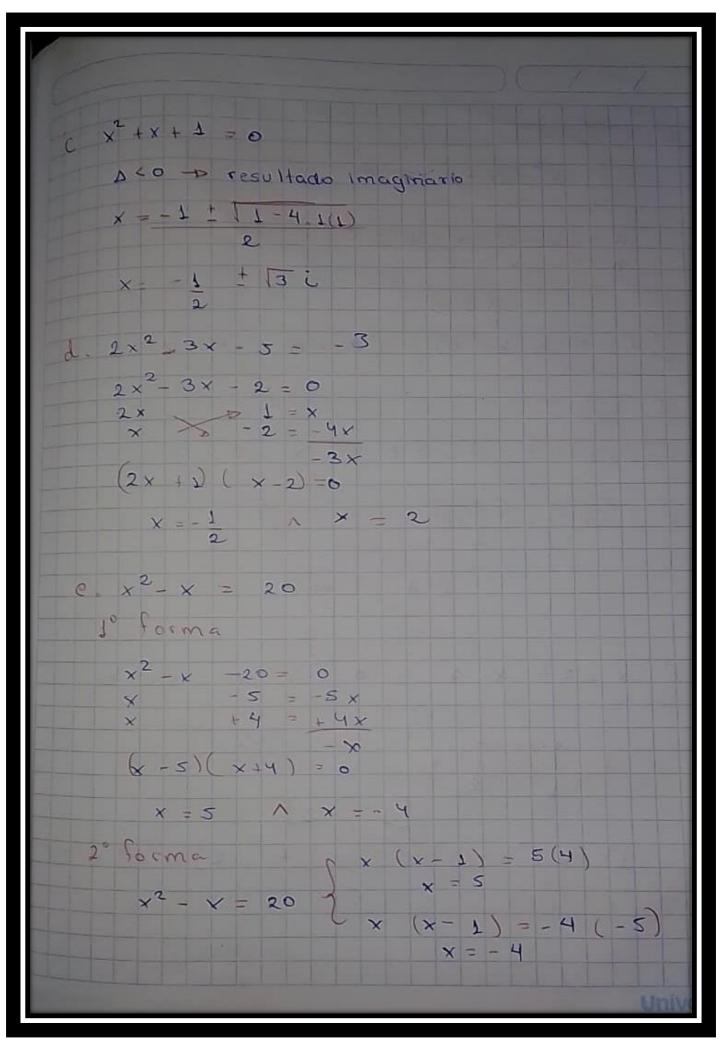
Actividad :Ecuaciones e Inecuaciones polinomiales trabajo en grupo

## **INTEGRANTES:**

Josue Gabriel Sumare Uscca Jesus Alonso Vilca Samanez Albert Gussepe Blanco Cana Jayan Michael Caceres Cuba

## **Ejercicios**





 $a \Rightarrow (x-2)(x-1) \ge 0$   $b \Rightarrow (x-3)$ 6 > 0 [(a > 0 1 b) 0) v (a < 0 1 b < 0)] 1°(x-2)(x-1)>0 1 x -3>0 7+1/1 - V/A 1 3 (3) + ∞> 2° (x - 2 ) (x - 1) (0 1 (x - 3) (0 [1, 2] J° V2° = J° U2° = [+,2] U]3, +00>

$$\frac{3}{x-1} \times \frac{2}{x} \times 0$$

$$\frac{3}{x} \times 0$$

d. x2 - 4x + 4 < 6 x + 4  $\alpha = (x + 2)^2$ (x-2)2 <0 b=(x+4) (x+4) = (x+4) J° (x+2) > 0 1 x + 4 < 0 R - {2} 1 1 - 4 (-0) - 4> 2 (x-2) <0 1 (x+4)> 0 1 21/12 1° 12 = 1° 12° = <-00, -4>

3 Resolver a. x2 - 3x + 2 > 0 (x - 2) (x - 1) > 0 (·0) 11) U (2) w)

