A seguir derivando

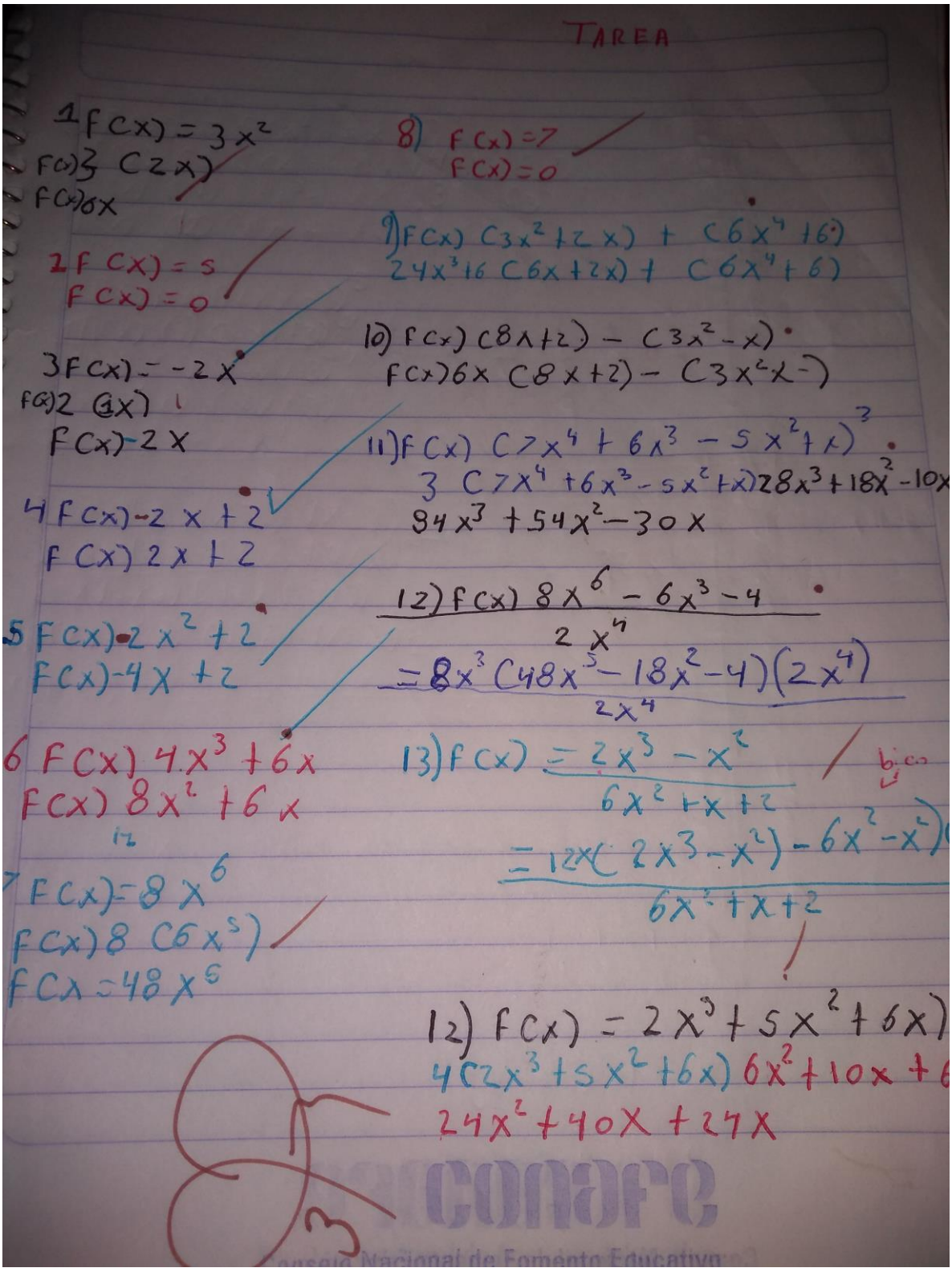
Biomatematicas

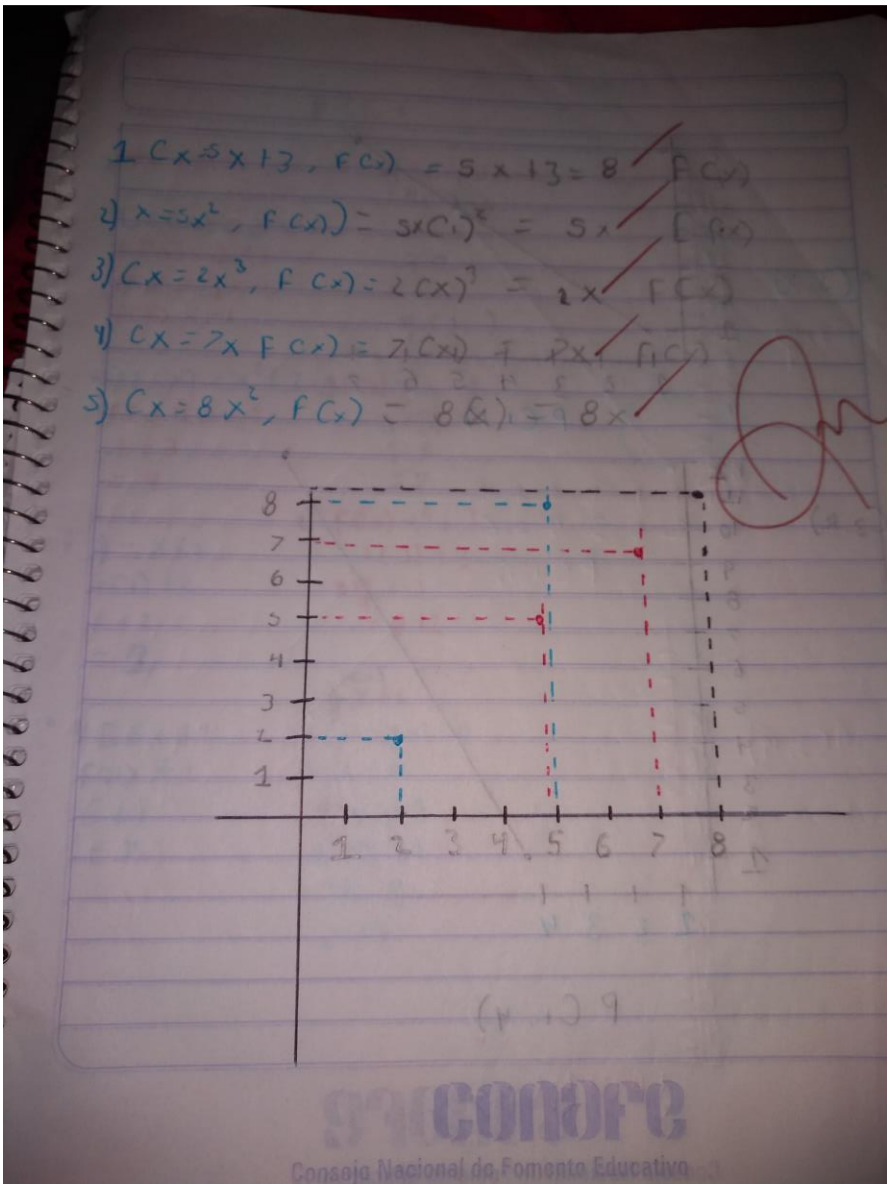
Gerardo Pérez Ruiz

Grado y Grupo: 2 A

Rosvani Morales Irecta

Comitán de Domínguez Chiapas a 2 de abril de 2022.


TAREA
1 f(x) = 3x²
f(x) 3 (2x)
f(x) 6x
2 f(x) = 5
f(x) = 0
3 f(x) = -2x
f(x) 2 (-1x)
f(x) -2x
4 f(x) -2x + 2
f(x) 2x + 2
5 f(x) -2x² + 2
f(x) -4x + 2
6 f(x) 4x³ + 6x
f(x) 8x² + 6x
7 f(x) = 8x⁶
f(x) 8 (6x⁵)
f(x) = 48x⁵
8) f(x) = 7
f(x) = 0
9) f(x) (3x² + 2x) + (6x⁴ + 6)
24x³ + 6 (6x + 2x) + (6x⁴ + 6)
10) f(x) (8x + 2) - (3x² - x)
f(x) 6x (8x + 2) - (3x² - x)
11) f(x) (7x⁴ + 6x³ - 5x² + x)³
3 (7x⁴ + 6x³ - 5x² + x) 28x³ + 18x² - 10x
84x³ + 54x² - 30x
12) f(x) 8x⁶ - 6x³ - 4 / 2x⁴
= 8x³ (48x⁵ - 18x² - 4)(2x⁴) / 2x⁴
13) f(x) = 2x³ - x² / 6x² + x + 2
= 12x (2x³ - x²) - 6x² - x²
6x² + x + 2
12) f(x) = 2x³ + 5x² + 6x)
4 (2x³ + 5x² + 6x) 6x² + 10x + 6
24x² + 40x + 24x


1 Cx=5x+3, F(x) = 5 x 13 = 8
4) x=5x², F(x) = 5x(1)² = 5x
3) Cx=2x³, F(x) = 2(x)³ = 2x
1) Cx=7x F(x) = 7(x) 7x
5) Cx=8x², F(x) = 8(1) = 8x
8
7
6
5
4
3
2
1
1 2 3 4 5 6 7 8
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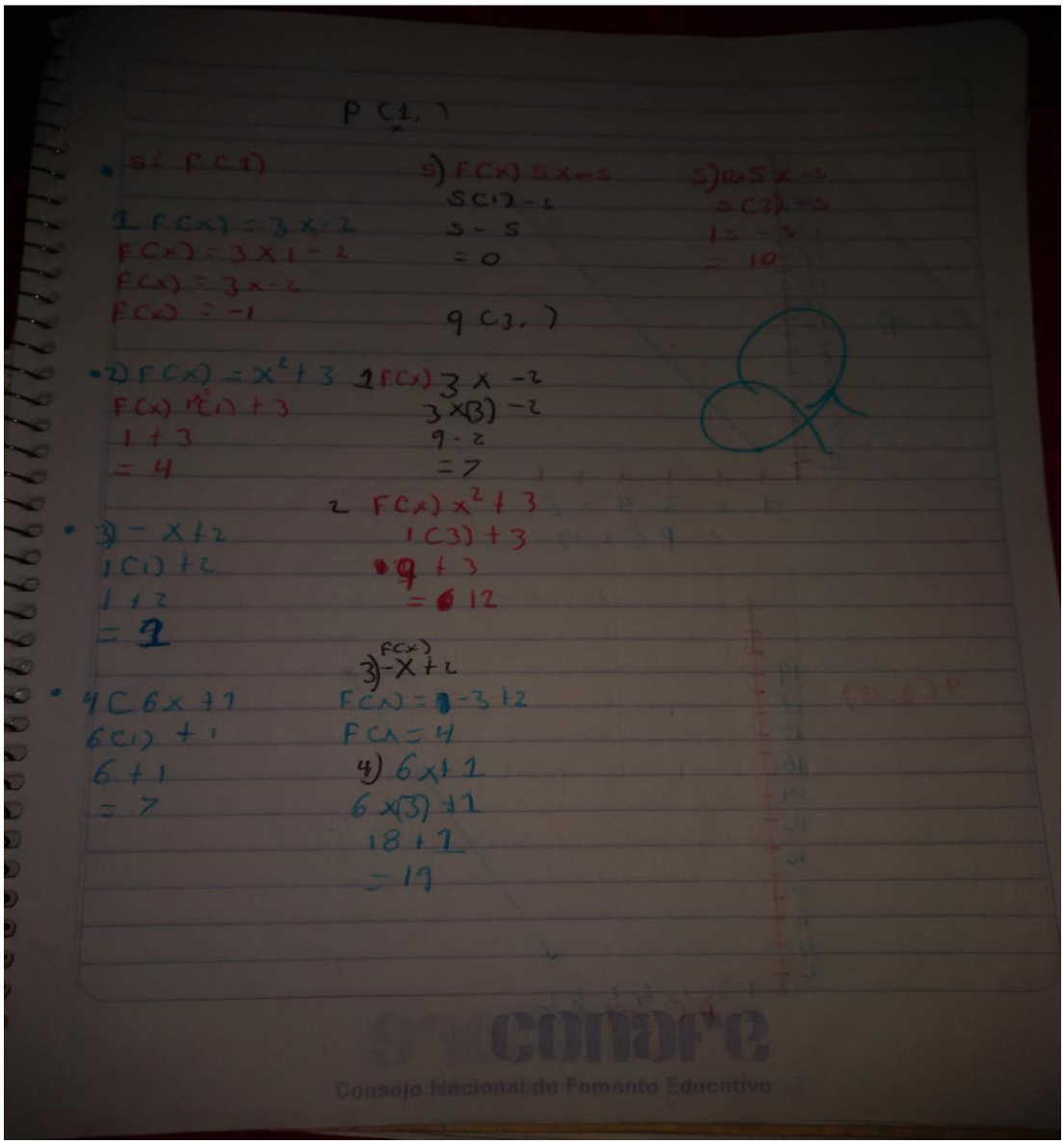
P (1,)
Si F(1)
1 F(x) = 3x - 2
F(x) = 3x1 - 2
F(x) = 3x - 2
F(x) = -1
2) F(x) = x² + 3
F(x) = (1)² + 3
1 + 3
= 4
3) - x + 2
1(1) + 2
1 + 2
= 1
4) 6x + 1
6(1) + 1
6 + 1
= 7
5) F(x) 5x - 5
5(1) - 2
5 - 5
= 0
q (3,)
1 F(x) 3x - 2
3x(3) - 2
9 - 2
= 7
2 F(x) x² + 3
1(3) + 3
9 + 3
= 12
3) -x + 2
FCx)
F(x) = -3 + 2
F(x) = 4
4) 6x + 1
6x(3) + 1
18 + 1
= 19
5) F(x) 5x - 5
5(3) - 5
15 - 5
= 10
comafe
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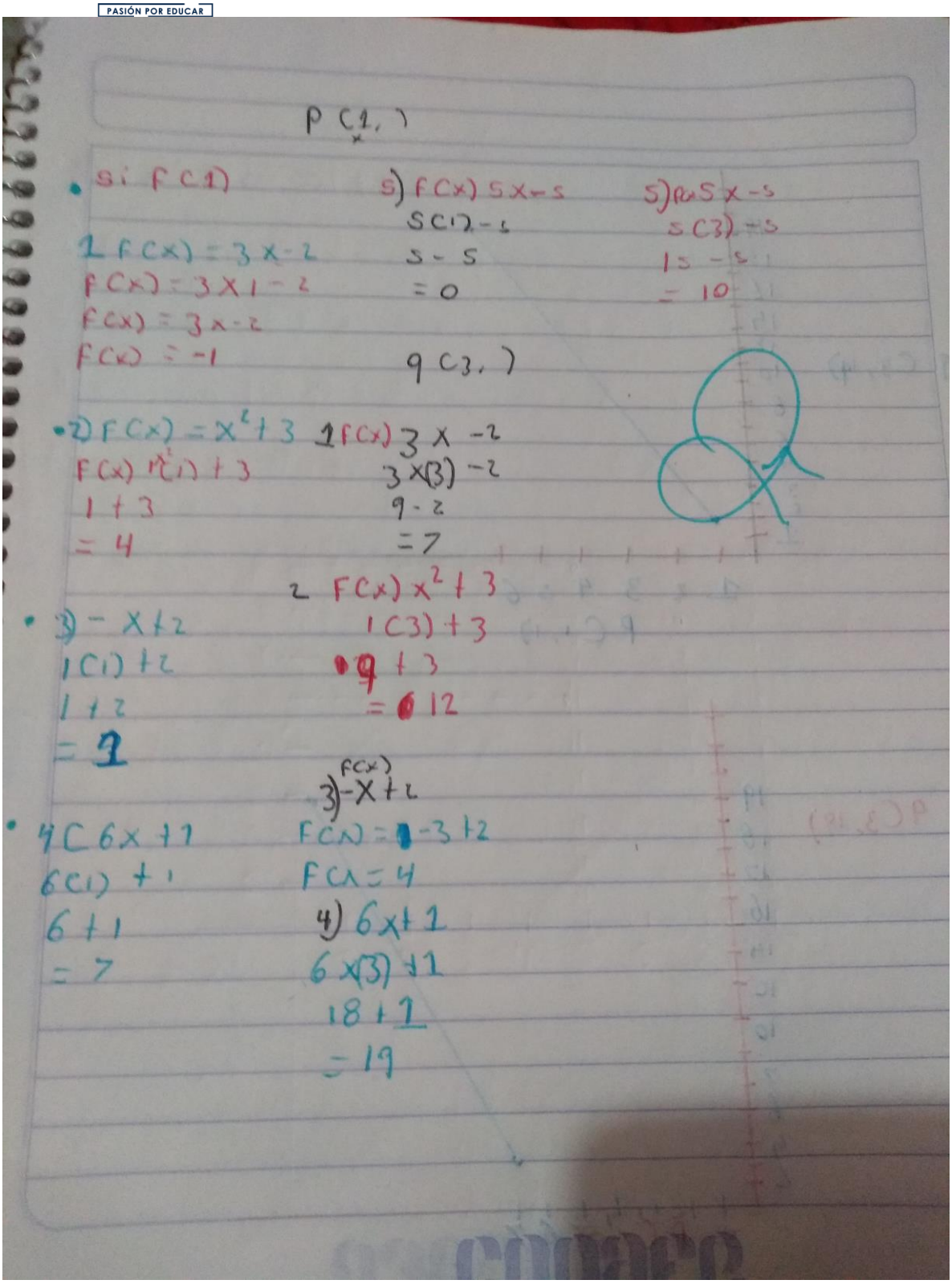
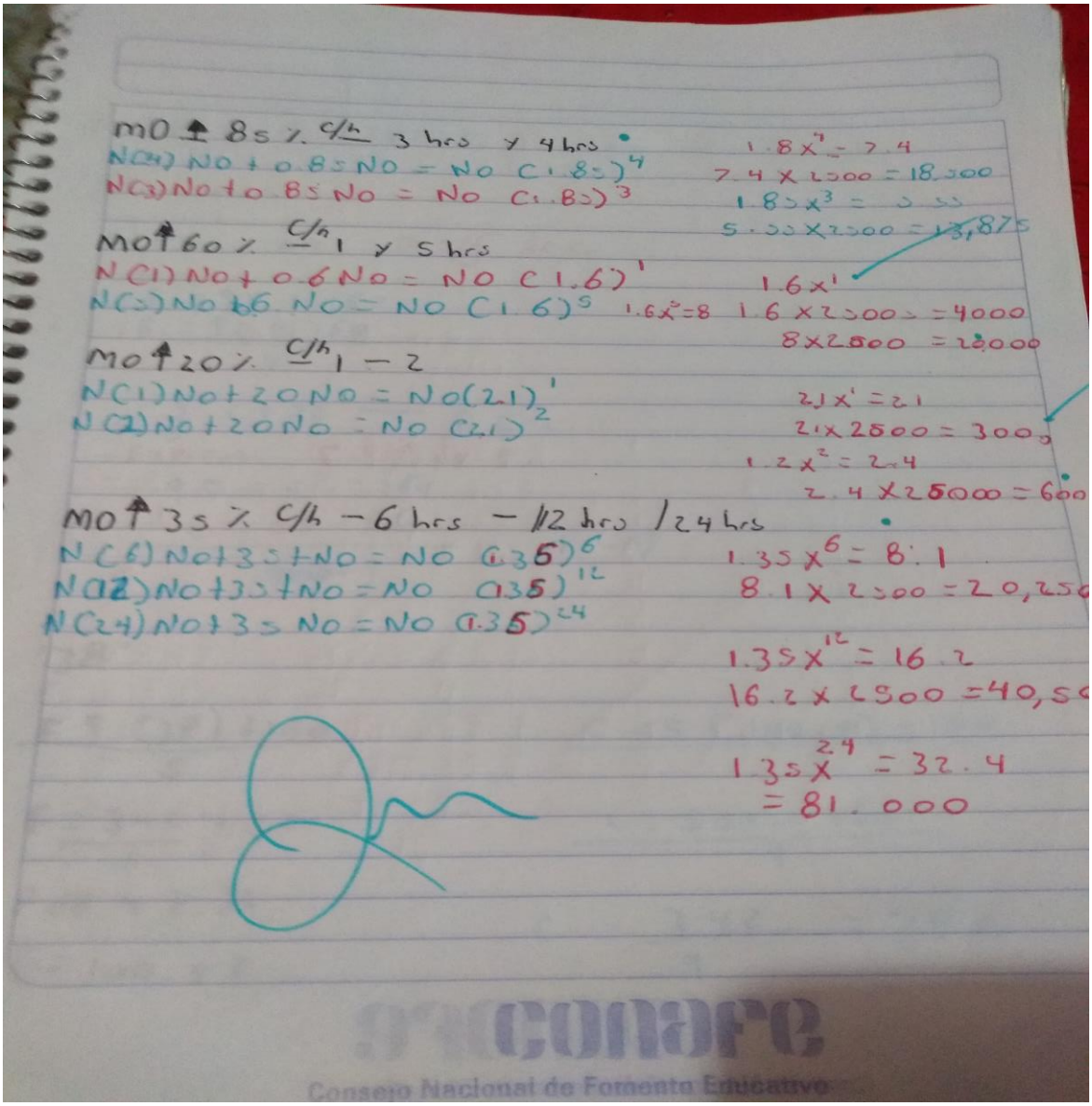
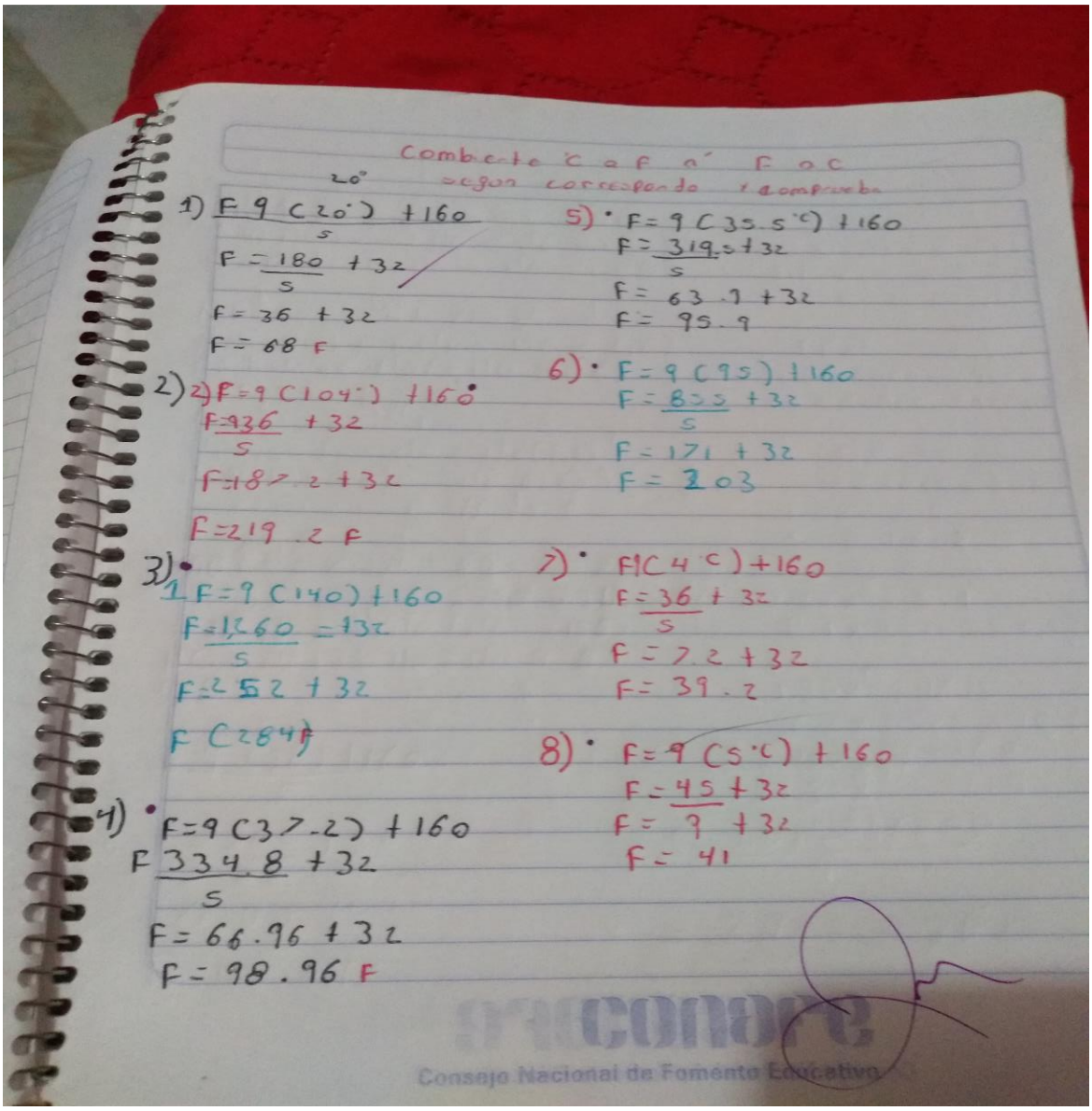

P (1,)
• si F(1)
1 F(x) = 3x - 2
F(x) = 3x1 - 2
F(x) = 3x - 2
F(x) = -1
• 2) F(x) = x² + 3
F(x) = (1)² + 3
1 + 3
= 4
• 3) - x + 2
1(1) + 2
1 + 2
= 1
• 4) 6x + 1
6(1) + 1
6 + 1
= 7
5) F(x) 5x - 5
5(2) - 5
5 - 5
= 0
q (3,)
1 F(x) 3x - 2
3x(3) - 2
9 - 2
= 7
2 F(x) x² + 3
1(3) + 3
9 + 3
= 12
3) F(x) -x + 2
F(x) = -3 + 2
F(x) = 4
4) 6x + 1
6x(3) + 1
18 + 1
= 19
5) R/ 5x - 5
5(3) - 5
15 - 5
= 10




Combierte C a F ó F a C
según corresponda y comprueba
1) F = 9 (20°) + 160
5
F = 180 + 32
5
F = 36 + 32
F = 68 F
2) F = 9 (104°) + 160
F = 936 + 32
5
F = 187.2 + 32
F = 219.2 F
3) F = 9 (140) + 160
F = 1,260 + 32
5
F = 252 + 32
F (284 F)
4) F = 9 (37.2) + 160
F 334.8 + 32
5
F = 66.96 + 32
F = 98.96 F
5) F = 9 (35.5°C) + 160
F = 319.5 + 32
5
F = 63.9 + 32
F = 95.9
6) F = 9 (95) + 160
F = 855 + 32
5
F = 171 + 32
F = 203
7) F (4°C) + 160
F = 36 + 32
5
F = 7.2 + 32
F = 39.2
8) F = 9 (5°C) + 160
F = 45 + 32
5
F = 9 + 32
F = 41
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