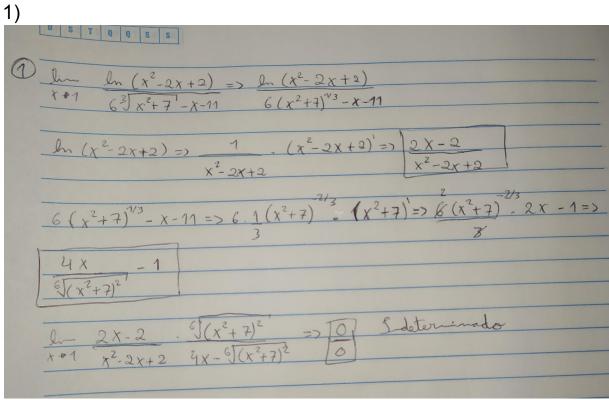
ATIVIDADE 4 - CÁLCULO I

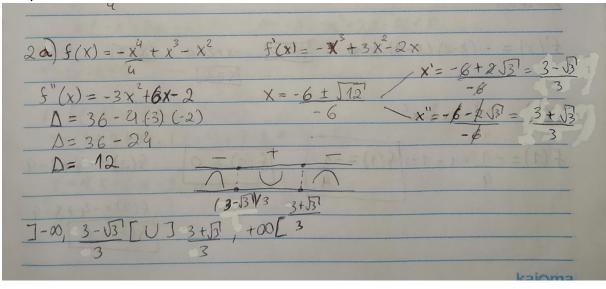
Aluno: Daniel Sant' Anna Andrade

Matrícula: 20200036904

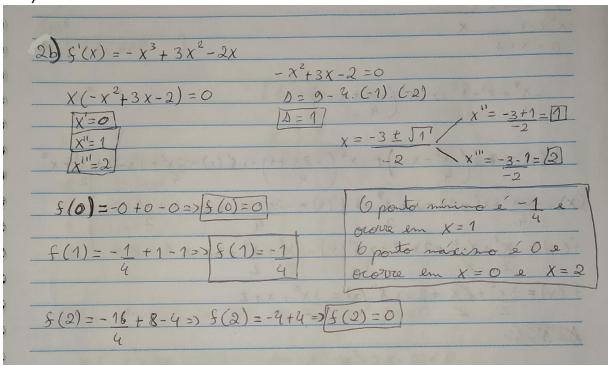
Turma: 07



2-a)



2-b)



2-c)

3c)
$$Y-5(-1)=5'(-1)$$
, $(x+1)$
 $Y+9=(1+3+2)$, $(x+1)$
 $Y=6x+6-9 \Rightarrow Y=6x+15$
 $Y=6x+6-9 \Rightarrow Y=6x+15$

2-d)
D S T Q Q S S
$2d) f(x) = -x^4 + x^3 - x^2$
4
$f(3-13) = -(3-13)^4 + (3-13)^3 = >$
3 / 4
$-(3-\sqrt{3})^{4}+(3-\sqrt{3})^{3}-(3-\sqrt{3})^{2}=7$
$\frac{-3^{2}\sqrt{3}}{324}$ $\frac{3^{2}\sqrt{3}}{27}$ $\frac{3^{2}\sqrt{3}}{9}$
=Ah
252-1445 + 54-305 - 12-65 =>
324/1 27/12 9/36
AVEAR
$\frac{-252 + 144B + 648 - 360\sqrt{3} - 452 + 216\sqrt{3}}{324} \Rightarrow \frac{-36}{324} \Rightarrow \frac{-1}{324}$
329
8 (3-53) = 38=10.3 -A C= 38 N X + 38 T A A A A A A A A A A A A A A A A A A
3 9
13+3714
$f(3+\sqrt{3}) = -(\frac{3+\sqrt{3}}{3}) + (3+\sqrt{3}) - (3+\sqrt{3}) = >$
$-(3+\sqrt{3})^4+(3+\sqrt{3})^3-(3+\sqrt{3})^2=9$
324 9 102 Fell - A 9
-252+144J3 +54+30J3 - 12+6J3 =>
324/1 27/12 9/36
35 20
-252-144 J3 + 54 + 30 J3 - 12 - 6 J3 => -240 - 120 J3
329
$\left\{\frac{3+\sqrt{3}}{3}\right\} = -35-20\sqrt{3}$
kajoma

```
3) R = 12 \text{ cm}  A = 9 \text{ cm}^2  l = 3 \text{ cm}  R_0 = 16 \text{ cm}  l = 4 \text{ cm}  l =
```

4)