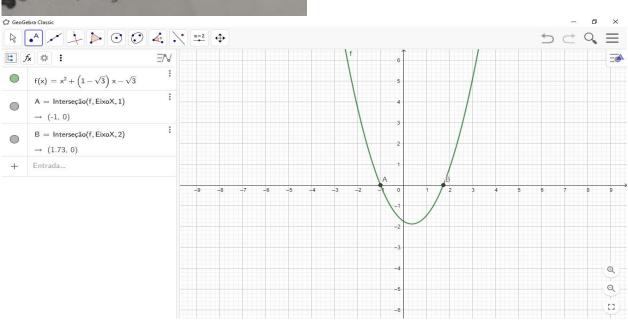
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MATRICULA: 2020000315

MATEMÁTICA BÁSICA

SEMESTRE: 2020.2

6.
$$f(x) = x^2 + (1 - \sqrt{3}^2) x - \sqrt{3}^2$$
.
6. $f(x) = x^2 + (1 - \sqrt{3}^2) x - \sqrt{3}^2$.



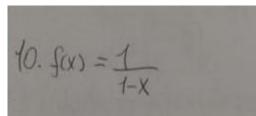
7.
$$f(x) = x^2 - 4x + 1$$
 $y_v = \frac{1}{4a}$
 $\Delta = b^2 - 4ac$
 $\Delta = (-4)^2 - 4.1.1$ $y_v = -12 = -3$,
 $\Delta = 16 - 4$
 $\Delta = 12 - 3$
Portion interval (0,4)
 $D = \{x \in \mathbb{R} \mid x = \mathbb{R}\}$
 $mg = \{y \in \mathbb{R} \mid y > -3\}$
8. $f(x) = \frac{|x-1|}{1-x}$
 $D = \{x \in \mathbb{R} \mid x = \mathbb{R} \neq 1\}$
 $2 = \{x \in \mathbb{R} \mid x = \mathbb{R} \neq 1\}$
 $3 = \{x \in \mathbb{R} \mid x = \mathbb{R} \neq 1\}$
 $3 = \{x \in \mathbb{R} \mid x = \mathbb{R} \neq 1\}$

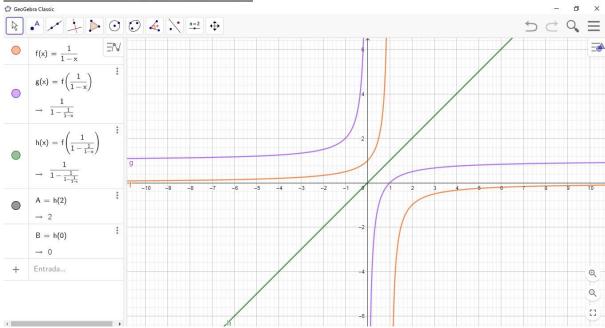
9.0)
$$f(x) = x^3 + 1$$

6) $g(x) = \frac{1}{1+x}$
C) $h(x) = \frac{1}{(x-1)^2}$

$$C)h(x) = \frac{1}{(x-1)^2}$$







11. fax)= 14-x21 Q) D=? A= EXER / f(x) } V1-02 -> TI = 1 1/1-12 -> 10-0 VI-6-12-750=0 V1-62)2-7 V-31x D= {XER | X= 1 1 x = 0} b) Imagem de f Img={Y=R/Y=0 & Y=1} C) a junção f é infitora? Porque) comuliato consumida mit ale suspregimis do dominão ma imagem. ditrara a gráfico da função f.

