A X.V.V. A 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	24 . 04 . 21
Instituto Pederal ale Educação, biência e Tacrologia do l Prof: Sabaptica Pontes Mozonanhos Aluna: lapla Beatriz da Silva Teixeira.	enju (IFC e)
$(4) \lim_{X \to 2} \frac{1}{\sqrt{3}} \frac{1}{\sqrt$	- Land
$\lim_{X \to 2} \frac{5x^2 + 7x + 2 - 36}{(x^2 - 7x + 3x + 14) \cdot (5x^2 + 7x + 2 + 6)} =$	
$\lim_{X \to 2} \frac{5x^2 + 7x - 34}{(x^3 - 7x + 3x + 14) \cdot (15x^2 + 7x + 216)}$	= - v ^c
$\lim_{X \to 2} \frac{(X-2) \cdot (SX + 17)}{(X^2 - SX - 7) \cdot (\sqrt{SX^2 + 7X + 2} + 6)}$	-
$\lim_{X \to 2} \frac{5x + J7}{(x^2 - 5x - 7) \cdot (\sqrt{5 \cdot 2^2 + 7 \cdot 2 + 2^1 + 6})} =$	
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	0 *
$\lim_{X \to 2} \frac{27}{(-13) \cdot (\sqrt{36} + 6)} =$	
$\lim_{X \to 2} \frac{27}{(-13) \cdot 12} = \frac{27}{-156} \Rightarrow \boxed{\frac{9}{52}}$	
* Resposia: -8 52	
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$$2 \lim_{X \to -\infty} \left(\frac{11X - 29}{4} \right)^{-\frac{22X}{4}}$$

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lim X + - ∞	3 - 31	$\left(\frac{1}{X}\right)^{X}$	- <u>22</u>		
	1 + 6	(1)		, <u> </u>	
	11	(x)	<u> </u>	3	$A^{(1)} = 0$ $\frac{P}{2}$

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$$\begin{bmatrix}
-29 & -22 \\
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* Repoplie: 670

	24.04.21
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	
$\lim_{X \to 0} \left(\frac{1 - \cos 6x}{x^2 \cdot \cos 6x} \right) =$	
$\lim_{X \to 0} \frac{1 - \cosh 6x}{x^2 \cdot \cosh 6x} = \frac{1 + \cosh 6x}{1 + \cosh 6x}$	
$\lim_{X \to 0} \left(\frac{\int e^2 \cdot 6x}{x^2 \cdot cop \cdot 6x(1 + cop \cdot 6x)} \right) =$	
$\lim_{X \to 0} \frac{1}{(x + 1)^{1/2}} \cdot \lim_{X \to 0} \frac{1}{(x + 1)^{1/2}$	+ cop 6x)
$\lim_{X \to 0} = 6 \cdot 6 \cdot \left(\frac{1}{1 \cdot (1+1)} \right) = \frac{36}{2}$	7 [48]
* Resposta: 38	
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