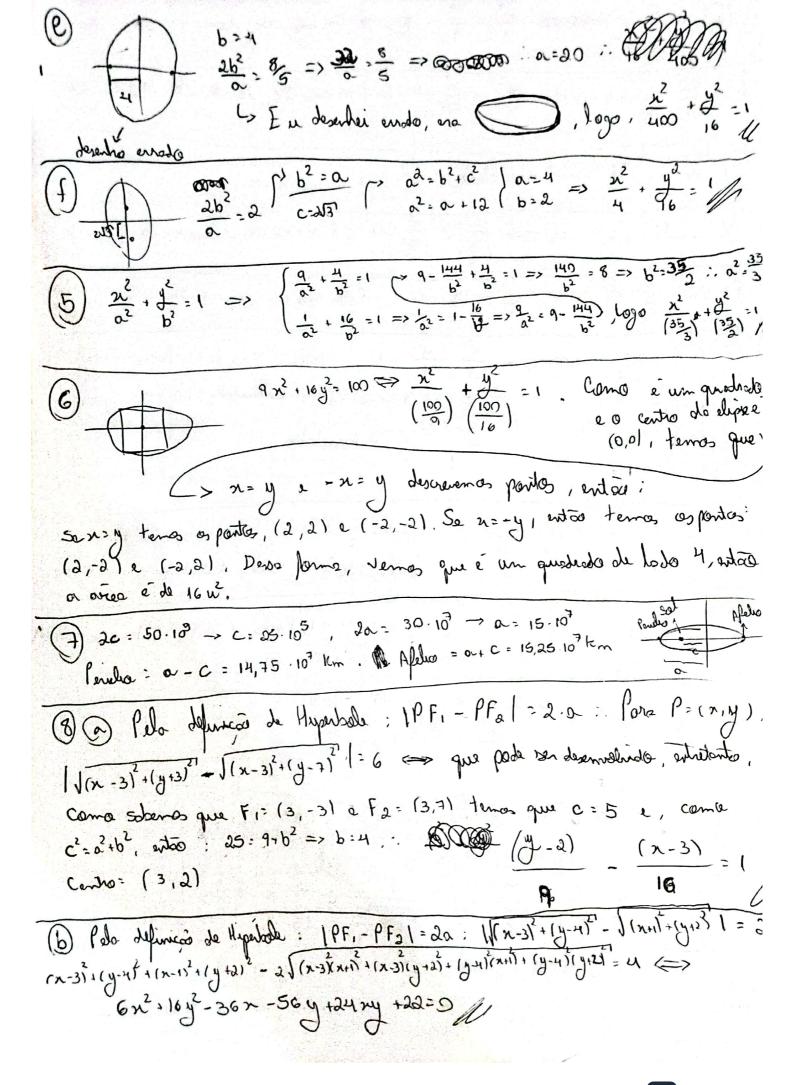
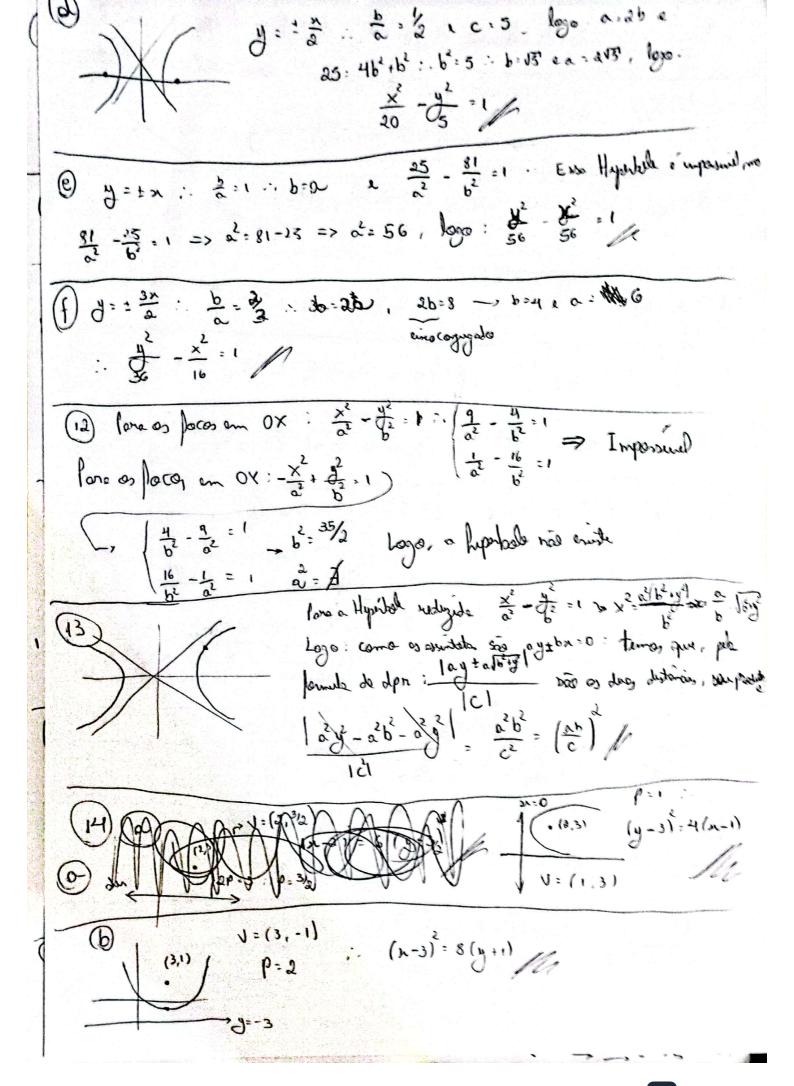


(3) (4) 4x2+ 169y2: 676 = 100 + 1 = 1 1. 169=4+02 1. 0= 165: 2c = distâncio /ocol = 20165 e F. = MONNOMANNEDANAN (105,0), Fa = (-103, a = 13, b = 2, 20 = eine maior = 26, 2b = eine menor = 4. $\boxed{b} n^2 + \frac{3y^2}{3} = 8 \Leftrightarrow \frac{n^2}{8} + \frac{y^2}{12} = 1 : \text{ facos no airo y } \alpha = \sqrt{a^2} = 3 + 2\sqrt{a} = 2\sqrt{a}.$ b= 18 => 26=28. C=2=12c=4 C $\frac{n^2}{n} + \frac{d^2}{d} = 0 \implies n^2 = -2y^2$: openes x = y : 0 orting, now of elepse. (d) n2-4y2=1 -> E'um a hyperboole (4 22 +9 y2 +1=0 => Imposmel porque 4220 e 9 y 20. Se m = 0, $n^2 = 0$. n = 0 . n = 0 . n = 0 . n = 0 . Se $m \neq 0$, end a = 0 . Se $a \neq 0$, end a = 0 . Se $a \neq 0$. Se a20: 2 /1-m. Se m<0, imposséel. (4) @ Focos em Ox, 26=6->6=>b=3 e 2c=8=>c=4=>a=5:25 =1 e a nosse dipse M (B) Focos en OY, 20=10=>0=5, 2c=6=>c=3=>b=4, logo, 16 + 25 = 1 & o ross elipse 0=17 0=17 0=17 0=17 0=17 0=17 0=17 0=17 0=17 0=17 0=17 0=17 0=17 0=18 0=18 0=18 8=5 : 169 144 = 1



(90) 92 -44 = 36 00 24 - 4 - 1 . F No em 0x 20 = 4, 26 = 6, 20:20 (b) 9x2 -2 +9=0 = \$\frac{1}{25} - 1 . \text{ fro even by , } 2a = 6, 2b = 10, dc = 2\frac{13}{17} (c) x 2y2 1 = E une elipse c (d) -m'22 + 3y' = 30 = 1 = 1 : [rocino ox, 20=4, 26 : 1ml, 20 = m @ 5x2-9g-45=0 = 1 Fro ena 0x, 20= 6, 2b=2VB, 2c=2VA (10) 16 x2 - 25 y2 = 400 => 25 - 42 = 1 : Vetice = (±5,0), Focos = (±47,0) 2-0=5, 6=4, C= UHI Entremodule = (0, =4) J= = 3 Assistatos (b) 2-2-10 => \(\frac{1}{16} - \frac{1}{16} = (0, \frac{1}{14}), \text{ Focos= (0, \frac{1}{14}) } \end{equation} Eathandole = (14,0). Assurators : y= + m/ (C)322-42=3 .: 1 - 4=1 .: Vetto = (11,01, Focos = (12,01 . Entomodela - (0,14) M x Elt: B: coleting 1 A p. 0=3, 0=2 : b= 15, logo: y= +45: 5 e a = 15: b= 12 : x25 - 42 = 1 - ERRO NA QUESTÃO C=5 e 262 = 92 => 62 = 10 : 25 = 10 . 25 = 10 . 25 = 0 = 4/1, logo, b=3, logo: x2-y=16 , Amplitude focal

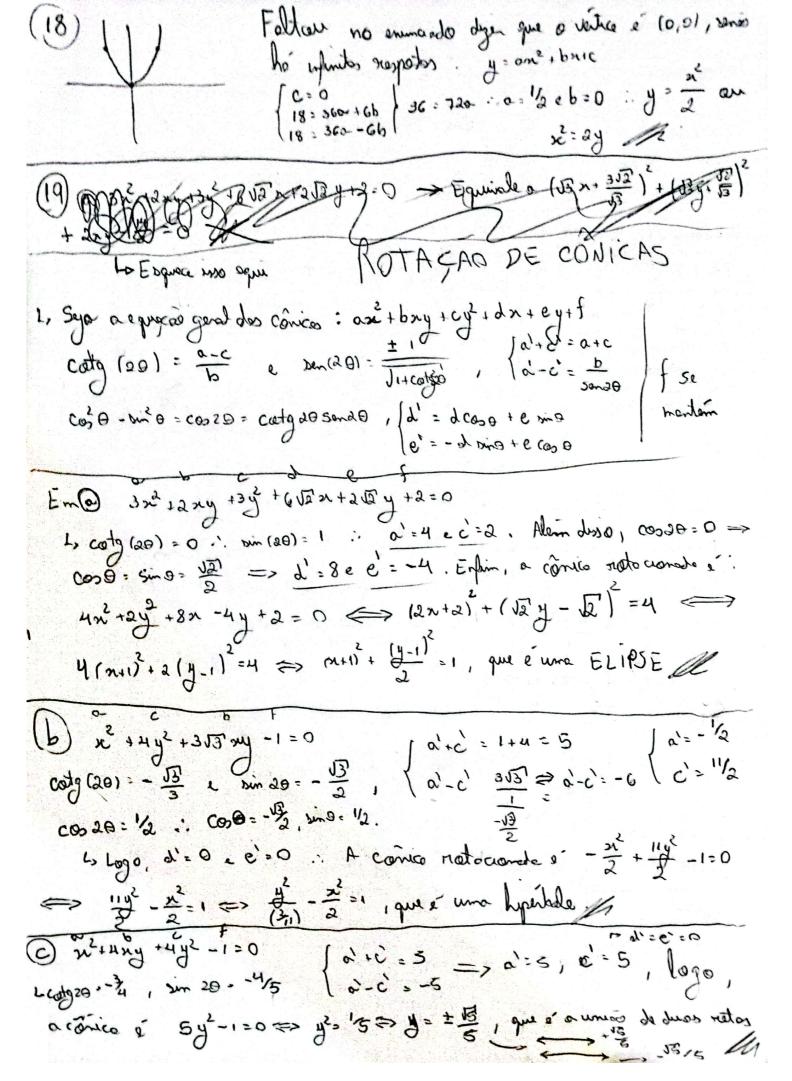


Pala définição de pandodo. d.(P,F). d.(P,n). por P.(2) Trumping = 12n+ y-31 => 2+4y+52x+26g-4xy+91=0 (b) x2.6y.0 v. (0,0), F: (0,-3/2), n: y=+3/2 (c) 5y=8x=>y=8x . p.2/5 = v. (0,0), F=(2/5,0), x: x=-2/5 (d) 52=16y = 2= 51. p= 4/3 e 1=(0,01, F=(0,4/31, n y=-4/5/ 160 y2: 3 x) (b) x2 = - 16 y (c) y2 = - 4 x (d) x2 = 2 y 长一十十十 July 1=-16 × 1 (@ Amplitude food = 19 = 8 : . P=2 (f) HP Ann. 2p2=18: p=3

A bose to truorgulo 2 complitude

Logo: x2=184

Pocal 4p = a altern 2 p



to ERRO de digitação na questão (a) 7 x2 + 5 y2 + 413 xy - (14 + 213)n - (10 + 25) y + 8 + 213 = 0 coty (20) = 5 20 = 5. (at) 20 = 5. (at) 20 cas 20 = catgao . sin 20 . 12 : caso = = , sin 9 - 1/2 (a'+c' = a+c = 1) a' = 4 e (e' = -d xin a + e cos a - 4 - 11 5) 4 conico o: 8 x3+47 + (-8-803) x+ (4-403) \$ +8+013 = 0 (n-(11)) + (y+(1-1)) =1, que é una elipse @ 7 x2 +0xy -y2 +28x +lay +28=0 caty 20. 4/3: mi 20 = 3/5 e cos 20 = 4/5, entro cos = 200 enteo: $\begin{cases} a' + c' = 6 \\ b' - c' = 10 \end{cases} \Rightarrow c' = -2$ $\begin{cases} a' + c' = 28 + 10 \\ b' - 28 + 10 \end{cases}$ A conta (8 2 / 24 / 8403 +1540) x (5645 -2850) 8 +28 -0 8 22 - 2 y2 + 90 110 n + 8 110 y +28 = 0 que, wonde nação de transloção, polo-se) provo non palment que à una union de retor p = (2x+640)-1y-10)=0 (1622-108 my - 29y2+280=0 Liced 20= -9/2 = -5/2 = minde = -18/3, logo: [a'-c'=117 'c'=-65 :. 522 -65 y2 +280 =0, que et una hyperbole [0'+c' = 7] = 7+MB 5 n2 +2y +2xy +2=0 costy 20:3/2, mi 20: 13 (0'-c'= 113) (0'-c'= 113) A cônica e (1 1 1 1 2) 2 + (2 - 1 3) 2 + 2 = 0 , que a o conjunto vego Fin Induste.