21/01/2021
Nome: Jar Paminages de Silva Mozetia Pontingo: Spanzus
Turma: 213 - Informática Matutino materia: matemática.
Tareta Arquimedes - Nivelamento revisão.
THE THE PARTY OF T
Questão I. 40
30° 1 30° + 30° + 0 = 180° / Sen 30° = (0 = x =) Sen 30° - 12 = x => 6 = x .
x 0 6:124 (0:60) hi 12
cas 30°= (a = y =) (0530.12: y =) 13 ·12 = y => 613 = y
hi 12 2 (a) 10,39
e so i i i i i i i i i i i i i i i i i i
b) 35°+ 90°+ B=180°/435°= co = 17 => to35·x=17=> x=17
17 (P=55°) (ca x to 35)
35° F (1) 35 = c0 = 17 => S(N35·a = 17 => a=17 => a=29,64 x=24,28
hi a sen35.
10 mm
17°+ 90°+ B= 180°/ tal7°= co = y => tal7·13 = y => [3,97 = y]
y   P a?   B = 730 / ca 13
7 17 (0517: ca = 13 => cos17·a=13=> a=13 => a=13,59
13 hi a (05/7
1) P 30°+90°+ 9=180°/ to 30°= co => b => to 30° + 433 = b => 13' + 433 = b
The state of the s
200 /
3.4 => 12 => (4:6)
3 3
0530 ca => 45 => cos30°. x=45 => x=45 => x=45 => x=45 => x =45 =>
bi x x x d addag so cos 30° 3/2 31 53

cos 30°

3

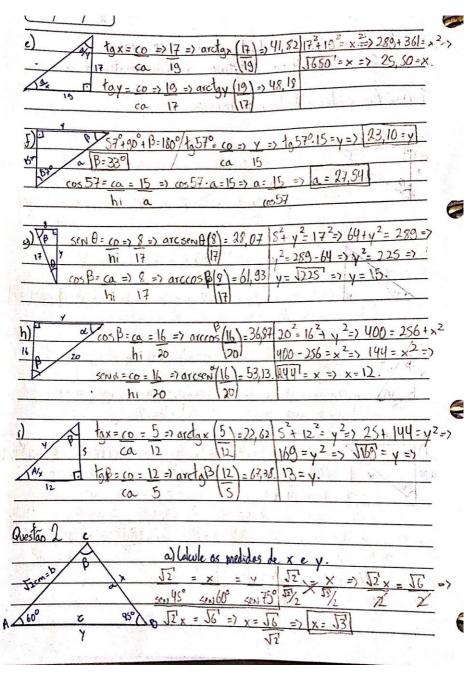
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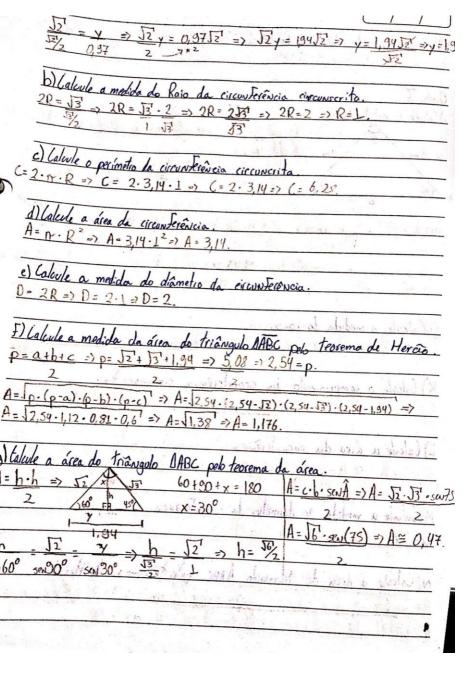
8.\$ => 8=x

hi

953 =>

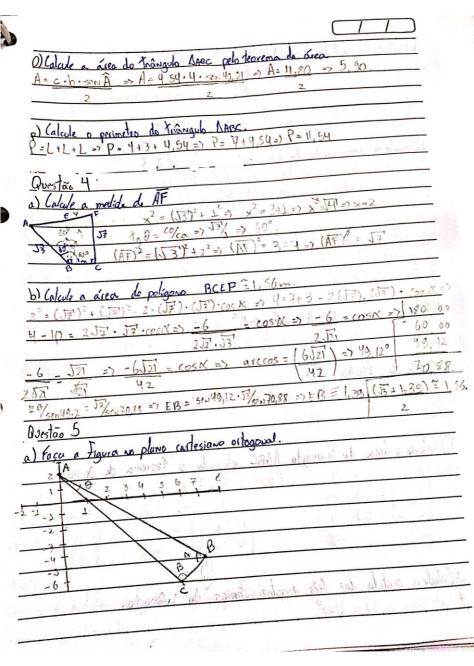
8.方·万 万·万





Makele o perimetro do trângulo 14BC.	
= J2 + J3 + 1,94 -> P = 5,09cm.	
VATUE TO THE PERSON OF THE PER	
Questão X	11 11 11 11
Value a model de	J3 : 40 K0
4 - 3 3 3.5mb0 = 1.5m x =7 3.	71/4
4m 3m sould soud	6000
3.13" = 4.5(m/ =) 213 = 5(m/ =)	14051
δα 60° δ 2 4	100,51
(25) 4051	-140,00
Sen x = 353. 1 57 Senx = 353 3 O(C-5-1X (353) = 40.51= x	1073,93
C - 4 = C. SCH 60° = 4. SCH 79, 49 => C. J3' = 4. SCH 79, 49 => C	
	13/2
50079,49° 50160°	= 4,54.
	1,701.
j) Calcule a medida do raio. 2R = 3/scn 40,51 => 2R = 4,62 => R = 2,31.	Flore on
2R - 75(N 10, 5] -7 2R = 1,02 7 1 2,01	
K) Calcule o comprimento da Grevaterência circunscrita.	A STATE OF THE PARTY OF
C= 2. N. R => C= 2.3, 14.2, 31 => C: 6,28.2,31 => C=10	1.51
Control of the contro	
L) Calcule a ásea da circusterênca.	
A= P-R2 => A=3,14.2,312=> A=3,14.5,34 => A=16,76	1.4
11-11-10-11-11-11-11-11-11-11-11-11-11-1	La constant
M) Calcule a medida do diométro do circon Ferenca.	
D=2R=> D=2.2,3  -> D=4,62	
V- XX -1 0- 2 -1,12.	
N) Colcule a área do triangulo LABC pelo teorema de Her	
10 conside a area as manguo attac pero teasema de ther	4.
A= \p(p-a) \p-b) - (p-c) p= a+brc/2 => p= \frac{1}{2}	1/5 -) b= 24
A= 15,77 (5,77-4)-(5,77-3)-(5,77-4,54) =7 A= 5,90.	

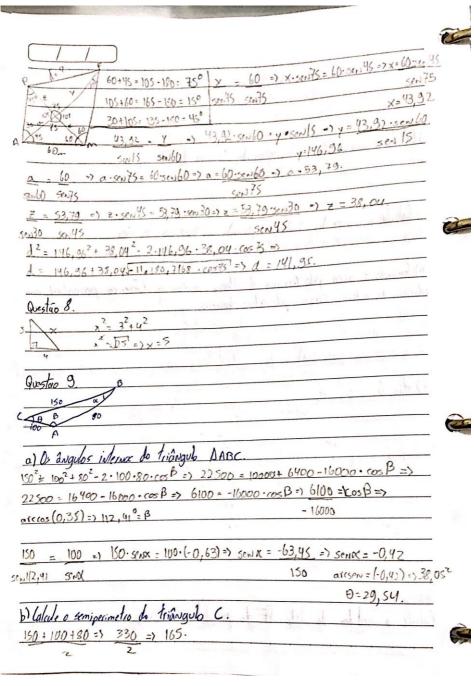
A



(b)(1)
Ab) Calcule a medida des cordos: AB, BC e AC.
$\frac{7}{7} = \frac{1}{12} =$
3 55'= x2=> 752'=x y 5100= y2=> 10=y 100= 10=
THE -
$\frac{1}{2} + \frac{1}{1} = \frac{1}{2} = \frac{1}{2} = \frac{1}{2} + \frac{1}{2} = \frac{1}$
c) Colcule o comprimento da circunterência 1: C=27R
AZ = BZ + AB 2 · 2 · BC · AB · cos x = 1 102 = (57)2 (7.57) 2 · (57) . (472) · cos x = 200
AC = BC + AB <sup>2</sup> · 2 · BC · AB · cos x =) 10 <sup>2</sup> = (57) <sup>2</sup> · (257) · 2 · (32) · (457) · 2 · (32) · (457) · 2 · (32) · (457) · 2 · (32) · (457) ·
$\frac{10}{10} = 2 + 98 - 19\sqrt{9} \cdot \cos \alpha \Rightarrow 100 = 2 + 98 - 28 \cdot \cos \alpha \Rightarrow 0 = 28\cos \alpha \Rightarrow 0.14 \Rightarrow \arcsin(0.4) = 10 = 121 = 3 = 327 = 300 = 10 = 327 = 300 = 30$
3.12 -) 0 - 3.13
SCHOO SCHO
$\frac{2R - Jz^{2}}{2R - Jz^{2}} = \frac{Jz^{2}}{2R} $
1 (4) (12 5(4))
R=5. (=2.3,14.5=) (=6,28.5=) (=3),42.
1) Caloule a riea da N = A= A= R <sup>2</sup> A= T (2=) A= 3,4.5 <sup>2</sup> =) A= 3,14.25=) A= 72,54.
A=17 (2=) A= 3.4.52=) A= 3.14.25=) A= 18,04.
19 2 49 2 2 2 3 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3
e) Medida da Flecha FM
e) Hedda da Flecha FM
0,71
The standard and a south
E) (1) / la trigonale MARC policando o Teorema de Aqués:
f) calcule a area as monghe one -20 - (-16)
Area 0 2 0.(5) = 0 Mea 1 = 10
7-5 7.(-6) =-42
6-66.0:12
02 -30 02 -16 2
102
II I to as la store de discussion
a) Colule a medida dos fiés angulos internos do finâncialo.
8 13+ 90+ 81, 87 = 180°

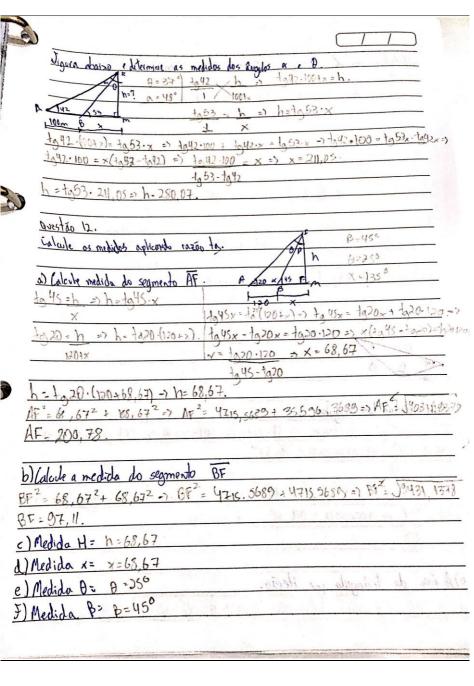
)					
b) Calcule a orea hachur	iada Aira	do 1=7	2 10 26	. V3 C. 2.	_
Acea de um circunterêncio	= 11.12	314.52	7. 19025	, 5 10, JCM 0	H
Acea da hachuriada = =	78,5 - 7 cm	= +1,5cm	n	1.8	
1/11	· · ·		11 -		
Lature a aira do triango	o copicando	Torema de	Herao.	1 750. (10 6	1 -
i) Calcule a sign do triumo	10,66 / A = J	10,66 . (10,66-	12/10/6	6-732 / 1/0,00	
	" A=	7,03.			_
1/11		er ( 80°)		***	-
i) Calcule a give do tim	angulo aptican	do o trosem	a da óce	٥.	-
Area = c.b. sen 0 =7 Area	= 752 . 10.	sen 8,13 =>	H= 4.		_
- 11	1 (	2_			
* Tomando a ácea pelo tec	orema de H	eião, andise	a diferen	use percentual	
seloção as outros áseas	who atter t	encemas.		X or	
	07. 7.03	=7x=700	=) x=9	9,57%	
Mouss & Area: 7	× 7,0	=) x = 700 7,03	Organic b	1 4	
R. Diterenço porcentual	de 0.43				
				o ta	
Overtão 6 A.	5	н н		B	
×Im	. 4			00 -01	
	3 -	.u , .5	R	fa.	
- 6 4. 6. 8. 0. 01	2 -> 1	1 1 1 3	+ 4/ 5	4 7 8 9	ő
<del></del>	-1-	- + F +		P	-
d. de al restata de la selección.		*5	<u> </u>		
A STATE OF THE STA	-3 + -4 + E	6 10 10 1/E	14 Da - 1 C. 14	121 3 7 19 1 E - 2	N
<u> </u>	.5+		- \$ 5° pc	20 1 13 30	
D.	2]			. 6	
	-3	L L		10 .0	,
E v 7 ann ag G				les s	
vestão 7					
11 11	<u> </u>	111	1 1	T.	7
Novle a medida do lado	It do que	idrilatero a	baixo.	am addinage a Af	13

15 14



	· ·	
c) Colonte a Rica do Triangulo AABC pelo	tevera de Herão.	t and
H= 1165. (165-150). (165-100). (165-50) -)	A . 3697, 89.	
A Laboratory of the same of th	A roll of all to	
d) Calcule a medito do raio.		
AR = 100 => R = 100 => R = 5	21. 12	
50038.05 SINDEROY	11.15	
1	to talente have	other record Ital
e) Colale a deca do triângulo DABC pelo	terrema do Senos	· .
8-29,54 86 - x => x sent	10° = 80. 40112,41 =>	x= 80.5en 112,41
x = 38,05 xx 30° \ 40/12,41	1 (d)	sengo"
B=112, 41		x=74cm
A=b·h => A= 150.74 -> A=	SSSO	
of the state of the state of the state of	The elande	when a section
Exercise to a serior than the	I have been	4 1
Filable os três angulas internos do tiras	vous NAMC.	
29,54 + 38,05+ 112,41 = 180°.		
1000	officers at dismin	1-m a 4-12)(+
Moderle o raio da circuntrancia circunscr	ita an tiónaulo.	N. Yes at
		-
2R=100 => R=100 => R=81,12 SPA138,05 STARPYZ	do citas Rizacio	I Lake a care
A STATE OF THE STA	a W. Had to	Las Barrers
H) Colale o comprimeto da circunterência		
c = 2.17.1 => (= 2.3,14.81,12 => C= 6;	28.81.12 -> (= 500	3,69 e shold
2 2111 27 622 31 1 5112 22	1 23 77 345	
: Malalea ácea ordre o triangulo o à viccontece	Ancie	S ASSESSMENT
$A = \Re(S^2 + 1) = 3/4 \cdot 81, 12^2 = 1 = 2061$	12.11	
A = 11 1 0) A = 3,17.01,12 :) H = 208		
l in	made and the second sec	
Questão 10.		1 al > E
Calcule. 256 8 a.7		1 1 1
36.131,	poser of or other	0 0 plad toll
50-77		

a) Calule or anylos be of extreme o teorema dos senos.  2=(216)2. (3,853)1-2-256.3,853. (0560=) d=5,92  5.02 - 256 -> 5,92 send = 256 cm 60°=> send. 255 cm 60 => send. 0,72  5.02 - 256 -> 5,92 send = 256 cm 60°=> send. 255 cm 60 => send. 255.
SCHIED CAND 60+45,75+8=150°=> 105,78°+B=180°=> B=74,22
DO seriperinatio de trângle AARC. P-25€+3,92+3,833 → P=8,7.
c) labole a diea do DABC aplicando o teorema de Hirão. A= J8,7. (8,7.2)6). (8,7.5,92). (8,7.3,8)3) => A-13,95.
Délule a melida do raio da circunterência à circuncrita ao triangolo.  2R = 5.92 =7 2R = 6.83 => R = 6.83 => R = 3.41.
c) Calcule o compriments do cucrontremos. C= 2. 17 · r => C=2.3/4.3, 41=> C=6,28.3,41=> C=21,42.
5 Malale a ásea da ciconkiência.  A = 17.5 => A = 3,14.3,412=> A= 314.11,63=> A= 36,53.
3) Calcule a Liea do triangulo aplicando o teorema dos semos.  5,92 - h -> h:50,90 = 5,92:50,45,78 => h=5,02:50,45,78 => h=19,24.
$A = b \cdot h = 1$ $A = \frac{3853 \cdot 420}{2} \cdot A \cdot 139.53$
Aplicourdo a definição da Tazão tousante, culculo as medadas ha x Na



Soldale a won de triangeles	DOME, ARME, DABE
A-1.h => A = 188,67.63	7.67 =) A= 6477, 95.
3 7 100,07,00	191
AABF	27 11 cto))5 x = 41,040
A7 11	9711 15 => x= 0 + 11.300
X = 9+11 =7 X.3(1)90=	SEN SO
50025 50000	2 A = 4120,00.
A-b·h = A=2m,76 41,040	) - 3) A - 1114
10.15	48.56
ABME	(017 x 45 => x = 68,67 · sin 45
x = 18,67 => x. sch 00 =	68,67: sen 45:> x= 68,67. sen 45 x= 48,56
10 116 00 110	Vis. 11 m
A=bih = 7 A = 07 11 48 6	26 37 A = 237 +
1	
Avestão 13.	
12	
X 5/9	and the second s
6	10 11 1
as As medidas dos angulos.	381 = 144+36 - 144 · 105 K => 144 · 105 K = 99 =>
02 12262-2.12.6. COSK =	81 = 149+36- 144·105 K => 144·105 K => 144·105 K
cas a = 99 => a1c(03 x =	46,57°
100	From the man all all and to the second to
1.2 02 12 2.9.6.cmA:	=> 144= 51+36-108.6650=> 108.6050=-27=)
$\frac{12 = 9 + 6 - 2.9}{(0.50)} = \frac{12}{10}$	NU UP B = 25.95
	21, 10 - Li 1, 40 A
103	1.6
	1 - 2 x 0 x Euri
b) A área do trióngulo por	Herão. = [13,5.(13,5.12).(13,5.9).(13,5.6)] => A=>6,14.
= 121916 =7 P= 13,5   A	= 1B,5.(135-12).(13,5-9).(13,5-6) => A=>6,14.
2	The state of the s

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c) A ásea do Trângulo pelo Keorema dos seros.
= 0 = x.engo = 9.sen28,95 -> x=9.sen28,95 -4,36.
TILLS SENDO SENDO
A=b.b. => A = 12.31.36 => A = 26.16.
2
d)O raio da circunterencia.
$2R = 6$ => $2R = 12.40 \Rightarrow R = 6.26$
5(n) 28, 0,5
e) O comprimento da circunterencia
C= 2.7.7=7 C= 2.3,14.6,20=1 (= 6,28.6,20=) 6=38,94.
F)A área da circunterencia.
A=17. 12 = A=3,14.6,202=7 A=3,14.38,44=1 A=120,70.