ei dos Senos o Cos	ssenos, Ciclo Prigenometrais
20g 16	and a sugar with the
Q	
12- Lei dor sonos	d = 105 + 45 = 18
AB = BC SENÔ SENÂ	$\frac{X = 100}{\sqrt{2}}  \frac{A = 30^{\circ} = \hat{A}}{\sqrt{2}}$
	B 7
X = 100 SCN45° SEN30°	X-100 Va
3- AB = AC	X V3 = V2 3 V2
SENC SENB	V3.X = 3. V2
X = 3\12	V3 x = 6
SEN45° SEN60°	X=6. 13 + 213 = 213
X = 3\12	V3 V3 VB
V2 V3	
A A	
16-b) AC = AB SENB SQUE	10 = × 0,89 0,5
10 = X SEN 123° SEN 30°	× = 5 0,84
	0,84
X +27 +30 = 180	x = 5,95
d: 123°	
123 +57 = .180	

Da- 20 01	
18- AC = AB + BC - 2. AB. BC. COS B	
x <sup>2</sup> = 5 <sup>2</sup> +8 <sup>2</sup> -2.5.8 COS 60	
x2 = 25+64-2.5.1	
A - D J J J J J J J J J J J J J J J J J J	
x a = 49	
X= 7	
00 00 00 00 00 00 00 00 00 00 00 00 00	
A = BC = AB + AC - 2 AB AC = 200 A 120 + 60 = 180	-
x2= 100 + 36 - \$ . 10 .6 .(-1) con 120 = - con 60 = -	1
x <sup>2</sup> =100+36+60	2
X=V196	
X= 19 cm	
2.6- x <sup>2</sup> =8 <sup>2</sup> +12 <sup>2</sup> -2,8,12, con 120°	
$x^2 - 60 + 144 - 7 & 10 \cdot (-1)$ $304/2$	
X=64+144+96 2) 1522 X=64+144+96 462	
$X = \sqrt{304} = \sqrt{2^2 \cdot 2^2 \cdot 19}$ 38 2	
X = 9 V 19 N	3
2.	
$\frac{A9 - AB}{SEN \hat{\rho}} = \frac{AP}{SEN \hat{B}}$ 1,414:0.259=	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	
2 = X 1879 1254 SEN 15° SEN 98° -1295 5, 459459	
2 = X -1036	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	8
0,259×=0,707.2	
x = 1414	346
0,259	
X= 5, 459 km	

30 - 10 - AB	132° + 48 = 180	
30 - AC - AB SENB SENC	SEN 132° = SEN 48°	
	SCN 48° = 0,743	E CANADA
SEN36° SEN132	36 N 18 = 9, 113	NAME OF THE OWNER, OWNE
	0.00	-4
0,588 0,743	The second secon	
X.0,743:0,588.		7
X = 82, 32 = 110	,8 km	
	STREET OF THE STREET	
31-		, ,
P: 60°+0=180	V=202+102+2.20.10.	
0=120	V= 400+100-7,20.10	(-1)
AS: 120+60=180	V= 400 + 100 + 200	23/
505120° = -0056	0° V= \700 = 26,5	
- cos 60 = -1	V=V100.7=10V7	
2	and the second	60-0-0
Pag 27	= 21 Trad 13 = 7 Trad 18 6	2 2
10) 210° Torad	= 21 Tistad 13 = 7 17 read	9,3
180	18 6	
e) 128 . II stad "	= 2 II rad	
180	3	
P1 135° , 71 read!	5 = 27 11 rad 1° = 311 rad	
130	36 4	
2 4) 7 777 180 =	180 = 90°	
2 b) if rad . 180 =	2	
d) 5 11 rood . 180	= 5.180 = 150	
6 Timod	E	
f) 417 rad 180	= 4.180 = 240°	
- 7 3 Tinde	1 3	
• B		
3- 30m / 1=17		- 0,8
- Ko Jan 13	$\frac{cn}{R} = \frac{1}{3} + \frac{1}{3} + \frac{1}{3} + \frac{1}{3}$	ad
A	K 3	
<i>u</i>	. 145 ~	
4- 10 = 45° 17 ran	= 11 rad 11,	
	D 11 2 = L	
0 ~ ~	11.2	
X = 11 = -	3,14 + l=1,57 cm	
5 . 0	• 10	37-
5-a) 0=1	6) 0=417.2	
Q=12	001	
$\alpha = 12$	0 = 211 rad	
d=1,2 πad		
6 - p = 60° p =	-00° ~ 116 ~ 1	
R= 15 cm	= 60°. 17 rad = 11 rad	Va 2
0	- 0 ~ 0	£ 8 800
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	$\frac{-1}{R} \frac{\pi}{3} = \frac{1}{15}$	-(5 %
0	= ~ 15	
l =	<u>π. 15 -17 l=3,14,5=15,7 cm</u>	
	B	10