Nome: Mikaela dos Santos Ferreira **Prontuário:**1890336 **CTII-**348

## Triângulo Retângulo

## Exercícios 1, 2 e 3

01. VI	h2:	$8^{2} + c^{2}$ = $(\sqrt{3})^{2} + c^{2}$	
The water of the second		7	-
PARTY -		V7/	
	/6	Run	osta B
		Man	
02.			4.4-4-94
$A^2 = B^2 + C^2$			
	y 8	lom	-3+ 2d = 2)
$10^2 = 6^2 + x^2$	X		H-134 = 00
$100 = 36 + x^2$	5 A S	1.5	9-38-38
$x^2 = 100 - 36$	EA	6m	Sef- 49.
$x^2 = 64$			18E1=50
$X = \sqrt{64}$			
X=8m//			
Resposta	8m		200
~ b			
03.	$A^2 = 8^2 + c^2$		$A^2 = B^2 + C^2$
2 3	$Ac^2 = 2^2 + 1^2$		CD2=32-(VE)2
	Ac2 = 4+1		CB2=9-5
	AC2 = 5		CN2 = 4
B 1 A	AC=√5		ch=14
		-	CD=2//
			Rusporta B
and the second		The said of the State of the St	THE PARTY AND PROPERTY.

O4. a y 
$$z^2 = x^2 + a^2$$
  $z^2 = y^2 + a^2$   $x^2 = z^2 + a^2$   $x = z^2 = z^2$ 

## Exercício 6

```
06.
 a^2 = 8^2 + 6^2
  A2=64+36
A= V100
   A = 10
102= H2 + (6-x)2
100-H2+36-12x+x2
100 = H2 + X2 - 12x + 36
- H^2 = \chi^2 - 12\chi - 64
H^2 = -\chi^2 + 12\chi + 64
 82=H2+X2
 64 = -X^2 + 12x - 64 + X^2
 64 = 12x - 64
 12x = -128
 X = 128/12
 X = -10,6
 H^2 = -1016^2 + 12 + 64
 H2= 112,36 +12
 H^2 = 303,56

H^2 = \sqrt{303,56}
 H= 2V5/1
```

Exercícios 7 e 8

07. Aranha	F
5.16 cm = 0,80 m	ermiga
- 2,00m -0,80m = 1,20m	Formiga 5.10 cm = 0,5 m
1,20m	1
A2= B2+C2	
$A^2 = 1, 2^2 + 0, 5^2$	
AZ=1 441 + 232	Sattleta
A=1,44+0,25	(x-1) + 2 H + 2 A
A = 17,69	384 185-7×4 3H= 366
A=130 m	F2-163-44=5H-
MO = 23x	PS+ X6S+ 54-234
08. XSA 001 = X	
AB	10.20
-02	
82=42+X2 V=X	32-4.A.C
$X^{2} = 64 - 16$ $\Delta = 6$	4-4.1.(-165)
$X = \sqrt{48}$	484
	1-1-14 = - X
$48$ Z $\times 1 = -$	8+22=7,
24 2 X=4 V3	2.1
12 2	
6 Z XZ=-	8-22=-15 2.1 Resposta D
3 3	7.1
11	Resposta D
$13^{2} = (4+x)^{2} + (4\sqrt{3})^{2}$	9064 9044 E 304
$169 = x^2 + 8x + 16 + 16.3$	action to
169=x2+8x+64	00000000
$x^2 + 8x = 169 - 64$	ALEVE DE LA
X2+8x-105=0	

## Exercícios 9, 10 e 11

A		
09.		H2 = -(5)2+28(5) +29
13 h		H2=25+140+29
7		H2 = 194
- 6	- B	H = V194
14		H=12
A2 = B2 + C2	132=H2+X2	1214 6188
152+42+ (14-x)2	169 = H2+X2	
225 = H2 + X2 - 28x +196	169 = -X2 +28x +29	1V2
-H2=X2-28x-29	169 = 28x + 29	
H2=-X2+28X+29	140 = 28x	
	X = 140/28	
	x = 5	20
10.	EL = A.	SXLSUESA
$x^{2}=(r+r')^{2}-(r-r')^{2}$	12	01-47=-1
x2=(r2+2rr1+r	12)-(r2-2rr1+	V12)
x2 = 4rr'	/ (1 - 1 - 1	
X = 2Vrr1	-= 1%	TATE OF THE
		EVH3X C NS
		13 3
11. AC	CE	7 3
15		8 8
A2 = B2+C2	$C^2 = A.N$	
Ac2=402+302	202 = 50.N	MINHS/44/= 45/
AC2 = 1600 + 900	N = 400	
AC2 = 2500	50	124+ XX+2X=040
AC= V2500	N=8/1	SPAN S NEASK
Ac = 50	Ren	posta C