ESERCIZI SUI TRIANGOLI RETTANGOLI

Risolvere il triangolo rettangolo ABC, retto in B, e darne una rappresentazione grafica in scala opportuna nei seguenti casi:

dati		risultati
1	AB = 44,165 m BC = 77,861 m	*AC = 89,515 m* *CAB = 60°26'13"* *BCA = 29°33'47"*
2	AB = 235,26 m AC = 477,12 m	*CAB = 67 ^{c},1742* *S = 48827,04 m^2* *BCA = 32 ^{c},8258* *BC = 415,09 m*
3	AC = 47,260 m CAB = 64^{c},2981	*AB = 25,136 m* *S = 503,05 m^2* *BC = 40,021 m* *BCA = 35 ^{c},7019*
4	AB = 71,375 m BCA = 46°36'45"	*BC = 67,467 m* *AC = 98,215 m* *CAB = 43°23'15"*
5	AB = 84,029 m BCA = 59 ^{c},1353	*BC = 62,812 m* *S = 2638,93 m^2* *AC = 104,911 m* *CAB = 40 ^{c},8647*
6	BC = 231,838 m BCA = 36°46'06"	*AB = 173,237 m* *AC = 289,413 m* *CAB = 53°13'54"*
7	AB = 176,542 m BC = 90,761 m	*CAB = 30 ^{c},2054* *BCA = 69 ^{c},7946* *AC = 198,465 m*
8	AC = 430,11 m AB = 326,42 m	*BC = 280,08 m* *CAB = 45 ^{c},1453* *BCA = 54 ^{c},8547*
9	AB = 15,36 m BC = 24,38 m	*CAB = 64 ^{c},2090* *BCA = 35 ^{c},7910* *AC = 28,82 m*
10	AC = 654,44 m BCA = 45 ^{c},7128	*AB = 430,57 m* *BC = 492,85 m* *CAB = 54 ^{c},2872*
11	AC = 165,920 m BC = 109,836 m	*AB = 124,361 m* *CAB = 46 ^{c},0567* *BCA = 53 ^{c},9433*
12	AB= 685,25 m CAB = 41,2889^{g}	*AC = 859,84 m* *BC = 519,38 m* *BCA = 58 ^{c},7111*
13	BC = 38,44 m S = 867,78 m^2	*CAB = 44 ^{c},9006* *BCA = 55 ^{c},0994* *AB = 45,15 m* *AC = 59,30 m*
14	CAB = 28 ^{c},8244 S = 98516,27 m^2	*BCA = 71 ^{c},1756* *AB = 636,41 m* *AC = 707,72 m* *BC = 309,60 m*
15	AB = 751,02 m S = 181457,70 m^2	*BCA = 63 ^{c},6017* *CAB = 36 ^{c},3983* *AC = 893,05 m* *BC = 483,23 m*

S superficie del triangolo.

dati		risultati
17.	AB = 89,56 m AC = 105,29 m	*ABC = 55,1282^g; BCA = 44,8718^g;* *BC = 138,23 m; S = 4714,89 m^2.*
18.	BC = 139,59 m ABC = 59,2569 ^{g}	*AB = 83,36 m; BCA = 40,7431^g;* *AC = 111,97 m; S = 4666,91 m^2.*
19.	AB = 458,36 m BCA = 45°25'26"	
20.	AB = 489,36 m BC = 658,26 m	*ABC = 46,6410^g; BCA = 53,3590^g;* *AC = 440,26 m; S = 107700,80 m^2.*
21.	BC = 169,39 m AC = 99,59 m	
22.	BC = 458,36 m BCA = 69°56'25"	
23.	AC = 785,39 m BCA = 78,4589 ^{g}	*ABC = 21,5411^g; AB = 2231,85 m;* *BC = 2366,01 m; S = 876436,34 m^2.*
24.	AC = 159,36 m AB = 178,38 m	*ABC = 46,4186^g; BCA = 53,5814^g;* *BC = 239,20 m; S = 14213,32 m^2.*
25.	AC = 458,29 m ABC = 56,2698 ^{g}	*BCA = 49,7302^g; AB = 375,87 m* *BC = 592,71 m; S = 86128,73 m^2.*
26.	BC = 429,37 m AB = 289,26 m	
27.	AC = 89,26 m ABC = 48°37'09"	
28.	AB= 685,25 m CAB = 41,2889 ^{g}	*BCA = 58,7111^g; AC = 519,85 m* *BC = 859,79 m; S = 177952,57 m^2.*
29.	BC = 46,14 m AC = 32,36 m	*ABC = 49,4832^g; BCA = 50,5168^g;* *AB = 32,89 m; S = 532,16 m^2.*
30.	ABC = 59,5488^g BC = 98,51 m	
31.	AB = 71,05 m AC = 47,74 m	