

Metti alla prova le abilità

Riduci in forma normale le misure angolari date nei seguenti esercizi.

- 32. $16^{\circ}22'85''$;
 $27^{\circ}65'15''$;
 $40^{\circ}63'71''$.

- 33. $30^{\circ}70'61''$;
 $25^{\circ}37'80''$;
 $10^{\circ}73'59''$.

- 34. $34^{\circ}84'91''$;
 $9^{\circ}14'126''$;
 $85^{\circ}130'47''$.

■ 35. $35^{\circ}50'88''$;
 $90^{\circ}95'37''$;
 $44^{\circ}70'90''$.

- 36. $13^{\circ}130'120''$;
 $45^{\circ}300'49''$;
 $120^{\circ}78'400''$.

- 37. $55^{\circ}131'120''$;
 $25^{\circ}68'127''$;
 $35^{\circ}58'128''$.

Riduci nell'unità di ordine inferiore le misure angolari date nei seguenti esercizi.

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|---------------------------|----------------------|----------------------|
| ■ 44. $2^{\circ}6'15''$; | $12^{\circ}5'20''$; | $3^{\circ}20'30''$. |
| ■ 45. $1^{\circ}50'9''$; | $5^{\circ}9'50''$; | $7^{\circ}10'18''$. |
| ■ 46. $21^{\circ}30''$; | $30^{\circ}10'$; | $10^{\circ}18''$. |
| ■ 47. $23'19''$; | $7^{\circ}60''$; | $24'55''$. |

$$53. 64^\circ 15' 25'' + 43^\circ 16' 42'';$$

$$54. 52^\circ 32' 42'' + 6^\circ 7' 11'';$$

$$55. 17^\circ 35' 25'' + 13^\circ 25' 35'';$$

$$56. 56^\circ 32' + 75^\circ 24' 45'';$$

$$57. 81^\circ 45'' + 8^\circ 45' 32'';$$

$$58. 54^\circ 34' 51'' + 7^\circ 14' 32'';$$

$$59. 6^\circ 56' 45'' + 28' 35'';$$

$$94^\circ 17' 32'' + 33^\circ 28' 15''.$$

$$4^\circ 12' 41'' + 7^\circ 25' 41''.$$

$$32^\circ 15'' + 43^\circ 12'.$$

$$16^\circ 12' 34'' + 5^\circ 35''.$$

$$56^\circ 7' 32'' + 23^\circ 55' 23''.$$

$$45' 56'' + 9^\circ 14' 25''.$$

$$18^\circ 40' 38'' + 12^\circ 25' 40''.$$

[$107^\circ 32' 7''$; $127^\circ 45' 47''$]

[$58^\circ 39' 53''$; $11^\circ 38' 22''$]

[$31^\circ 1'$; $75^\circ 2' 15''$]

[$131^\circ 56' 45''$; $21^\circ 13' 9''$]

[$89^\circ 46' 17''$; $80^\circ 2' 55''$]

[$61^\circ 49' 23''$; $10^\circ 21''$]

[$7^\circ 25' 20''$; $31^\circ 6' 18''$]

Esegui le sottrazioni date nei seguenti esercizi esprimendo il risultato in forma normale.

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$$76. 54^{\circ}56'45'' - 32^{\circ}25'35''$$

$$[22^{\circ}31'10'']$$

$$[51^{\circ}45'36'']$$

$$77. 65^{\circ}43'59'' - 42^{\circ}23'18''$$

$$[23^{\circ}20'41'']$$

$$[21^{\circ}41'25'']$$

$$78. 13^{\circ}47'34'' - 2^{\circ}34'23''$$

$$[11^{\circ}13'11'']$$

$$[39^{\circ}59'2'']$$

$$79. 56^{\circ}24'48'' - 17^{\circ}32'26''$$

$$[38^{\circ}52'22'']$$

$$[90^{\circ}58'57'']$$

$$80. 120^{\circ}32'54'' - 54^{\circ}35'21''$$

$$[65^{\circ}57'33'']$$

$$[150^{\circ}11'59'']$$

$$81. 96^{\circ}15'45'' - 43^{\circ}32'27''$$

$$[52^{\circ}43'18'']$$

$$[15^{\circ}50'5'']$$

$$82. 78^{\circ}24'35'' - 34^{\circ}43'42''$$

$$[43^{\circ}40'53'']$$

$$[35^{\circ}5'5'']$$

$$[51^{\circ}48'11'']$$

$$[3^{\circ}56'5'']$$

$$86. 127^{\circ} - 75^{\circ}14'24''$$

$$[51^{\circ}45'36'']$$

$$87. 89^{\circ} - 67^{\circ}18'35''$$

$$[21^{\circ}41'25'']$$

$$88. 56^{\circ}45'54'' - 16^{\circ}46'52''$$

$$[39^{\circ}59'2'']$$

$$89. 180^{\circ}56'12'' - 89^{\circ}57'15''$$

$$[90^{\circ}58'57'']$$

$$90. 207^{\circ}35'58'' - 57^{\circ}23'59''$$

$$[150^{\circ}11'59'']$$

$$91. 136^{\circ}45'39'' - 120^{\circ}54'49''$$

$$[15^{\circ}50'5'']$$

$$92. 270^{\circ}58'' - 234^{\circ}55'$$

$$[35^{\circ}5'5'']$$

$$93. 104^{\circ}32'34'' - 100^{\circ}35'39''$$

$$[3^{\circ}56'5'']$$