

OPERAZIONI SESSAGESIMALI (Pot II)

1. $7^{\circ} 12' 65''$
2. $8^{\circ} 70' 120''$
3. $15^{\circ} 340''$
- 13° 75' 9"
- 15° 83' 130"
- 45° 197"
- 4° 68' 75"
- 9° 49' 300"
- 32° 500"

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

4. $3^{\circ} 9' 10''$; $15^{\circ} 21' 19''$; $10^{\circ} 7' 6''$
5. $10^{\circ} 15' 9''$; $18^{\circ} 23'$; $21^{\circ} 18''$
6. $11^{\circ} 40''$; $17^{\circ} 21'$; $13^{\circ} 15''$
7. $22^{\circ} 31' 10''$; $9^{\circ} 12' 5''$; $80^{\circ} 27'$

Esegui le operazioni date nei seguenti esercizi.

8. $32^{\circ} 22' 21'' + 49^{\circ} 52' 16'' =$
9. $54^{\circ} 48' 59'' + 19^{\circ} 32' 14'' =$
10. $9^{\circ} 45' 58'' + 35' 41'' =$
11. $38^{\circ} 27' + 52' 37'' =$
12. $130^{\circ} + 4^{\circ} 93' 7'' + 40^{\circ} 61'' =$
13. $75^{\circ} 32' 51'' - 28^{\circ} 12' 40'' =$
14. $29^{\circ} 47'' - 20^{\circ} 12' 32'' =$
15. $51^{\circ} 48' 16'' - 34^{\circ} 35' 21'' =$
16. $95^{\circ} 62'' - 34^{\circ} 29' =$
17. $57^{\circ} 21' - 7^{\circ} 20' 15'' =$
18. $12^{\circ} 21' 9'' \times 2 =$
19. $5^{\circ} 42' 6'' \times 4 =$
20. $56^{\circ} 12' 37'' \times 4 =$
21. $7^{\circ} 15' 10'' \times 12 =$
22. $172^{\circ} 45' 20'' : 5 =$
23. $51^{\circ} 25' 12'' : 6 =$
24. $19^{\circ} 17' 15'' : 3 =$
25. $206^{\circ} 42' 36'' : 4 =$
- 16° 49' 15" + 30° 12' 25" =
- 24° 17' 56" + 13° 19' 5" =
- 24° 1" + 51° 43" =
- 25° 41" + 19° 47' 10" =
- 39° + 73' 32" + 58" =
- 52° 34' 51" - 47° 52' 22" =
- 45° 40' 18" - 15° 30' 24" =
- 34° 12' 54" - 27° 56' 14" =
- 50° 61" - 30° 9' 42" =
- 69° 13" - 38° 29' 23" =
- 16° 25' 40" × 3 =
- 9° 21' 10" × 5 =
- 43° 38' 17" × 6 =
- 21° 19' 7" × 10 =
- 89° 37' 42" : 3 =
- 100° 34' 36" : 4 =
- 46° 20' 17" : 7 =
- 184° 36' : 9 =

Completa le seguenti tabelle.

| $\hat{\alpha}$ | $\hat{\beta}$ | $\hat{\gamma}$ | $\hat{\alpha} + \hat{\beta} + \hat{\gamma}$ |
|----------------------|----------------------|-----------------------|---|
| $25^{\circ} 7' 12''$ | $5^{\circ} 32' 50''$ | $9^{\circ} 25''$ | |
| $17^{\circ} 30'$ | $29^{\circ} 41' 5''$ | $42^{\circ} 23''$ | |
| 27° | $30^{\circ} 9'$ | $10^{\circ} 30' 25''$ | |

27.

| $\hat{\alpha}$ | $\hat{\beta}$ | $\hat{\gamma}$ | $\hat{\alpha} + \hat{\beta} - \hat{\gamma}$ |
|----------------------|----------------------|----------------------|---|
| $16^{\circ} 15' 9''$ | $3^{\circ} 13''$ | $7^{\circ} 48' 16''$ | |
| $39^{\circ} 25' 7''$ | $6^{\circ} 12' 10''$ | $5^{\circ} 15' 4''$ | |
| $59^{\circ} 37''$ | $40^{\circ} 24'$ | $21^{\circ} 5' 27''$ | |

28.

| $\hat{\alpha}$ | $\hat{\beta}$ | $2\hat{\alpha}$ | $3\hat{\beta}$ | $2\hat{\alpha} + 3\hat{\beta}$ |
|--------------------|----------------------|-----------------|----------------|--------------------------------|
| $9^{\circ} 7' 5''$ | $5^{\circ} 12' 10''$ | | | |
| $7^{\circ} 30'$ | $9^{\circ} 20' 4''$ | | | |
| 10° | $30^{\circ} 5'$ | | | |

29.

| $\hat{\alpha}$ | $\hat{\beta}$ | $\hat{\alpha} + \hat{\beta}$ | $2/5(\hat{\alpha} + \hat{\beta})$ |
|-----------------------|-----------------------|------------------------------|-----------------------------------|
| $15^{\circ} 37' 20''$ | $35^{\circ} 12' 50''$ | | |
| $27^{\circ} 10''$ | $19^{\circ} 21' 35''$ | | |
| $46^{\circ} 5'$ | $23^{\circ} 20''$ | | |

30.

| $\hat{\alpha}$ | $\hat{\beta}$ | $\hat{\alpha} - \hat{\beta}$ | $5/2(\hat{\alpha} - \hat{\beta})$ |
|-----------------------|-----------------------|------------------------------|-----------------------------------|
| $47^{\circ} 18' 10''$ | $15^{\circ} 20' 8''$ | | |
| $27^{\circ} 25''$ | $19^{\circ} 21' 35''$ | | |
| $46^{\circ} 5'$ | $23^{\circ} 20''$ | | |