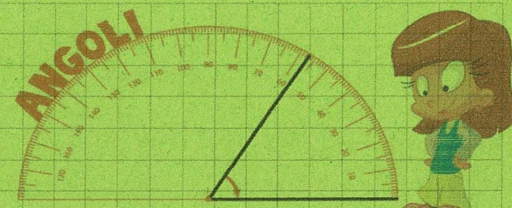


OPERAZIONI con gli ANGOLI

Addizioni



- $12^{\circ} 14' 47'' + 35^{\circ} 28' 9'' = 47^{\circ} 42' 56''$
- $82^{\circ} 24' 51'' + 14^{\circ} 48' 14'' = 97^{\circ} 13' 5''$
- $135^{\circ} 57' 25'' + 16^{\circ} 36' 18'' = 152^{\circ} 33' 43''$
- $42^{\circ} 5' + 27^{\circ} 59' 58'' = 70^{\circ} 4' 58''$
- $7^{\circ} 25' 36'' + 14^{\circ} 13' 31'' + 22^{\circ} 30' 18'' = 44^{\circ} 9' 25''$

$$\begin{array}{r} 7^{\circ} 25' 36'' + \\ 14^{\circ} 13' 31'' + \\ 22^{\circ} 30' 18'' = \end{array}$$

$$\underline{43^{\circ} 68' 85''} = 43^{\circ} 69' 25'' = 44^{\circ} 9' 25''$$

$$\begin{array}{r} 12^{\circ} 14' 47'' + \\ 35^{\circ} 28' 9'' = \end{array}$$

$$\underline{47^{\circ} 42' 56''}$$

$$\begin{array}{r} 135^{\circ} 57' 25'' + \\ 16^{\circ} 36' 18'' = \end{array}$$

$$\underline{151^{\circ} 93' 43''}$$

$$152^{\circ} 33' 43''$$

$$\begin{array}{r} 82^{\circ} 24' 51'' + \\ 14^{\circ} 48' 14'' = \end{array}$$

$$\underline{96^{\circ} 72' 65''}$$

$$96^{\circ} 73' 5''$$

$$97^{\circ} 13' 5''$$

$$\begin{array}{r} 42^{\circ} 5' + \\ 27^{\circ} 59' 58'' = \end{array}$$

$$\underline{69^{\circ} 64' 58''}$$

$$70^{\circ} 4' 58''$$

OPERAZIONI con gli ANGOLI

Sottrazioni

$$1^{\circ} = 60' \quad 1' = 60''$$

$$18^{\circ} 42' 34'' - 12^{\circ} 32' 30'' = 6^{\circ} 10' 4''$$

$$34^{\circ} 29' 36'' - 26^{\circ} 40' 39'' = 10^{\circ} 48' 57''$$

$$180^{\circ} - 24^{\circ} 18' 32'' = 155^{\circ} 41' 28''$$

$$171^{\circ} 23' 48'' - 88^{\circ} 36' 47'' = 82^{\circ} 47' 1''$$

$$360^{\circ} - 87^{\circ} 34'' = 272^{\circ} 59' 23''$$

$$180^{\circ} = 179^{\circ} 60' = 179^{\circ} 59' 60''$$

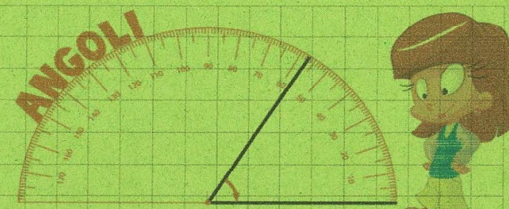
$$360^{\circ} = 359^{\circ} 60' = 359^{\circ} 59' 60''$$

$$\begin{array}{r} 18^{\circ} 42' 34'' - \\ 12^{\circ} 32' 30'' = \\ \hline 6^{\circ} 10' 4'' \end{array}$$

$$\begin{array}{r} 179^{\circ} 59' 60'' - \\ 24^{\circ} 18' 32'' = \\ \hline 155^{\circ} 41' 28'' \end{array}$$

$$\begin{array}{r} 359^{\circ} 59' 60'' - \\ 87^{\circ} 34'' = \\ \hline 272^{\circ} 59' 23'' \end{array}$$

ANGOLI

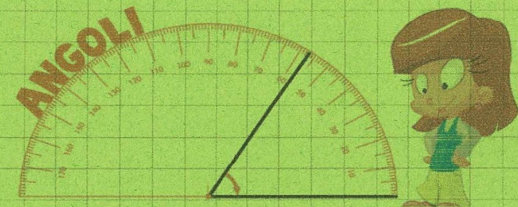


$$\begin{array}{r} 36^{\circ} 28' 96'' - \\ 34^{\circ} 29' 36'' = \\ \hline 26^{\circ} 40' 39'' = \\ \hline 10^{\circ} 48' 57'' \end{array}$$

$$\begin{array}{r} 170^{\circ} 83' - \\ 171^{\circ} 23' 48'' - \\ 88^{\circ} 36' 47'' = \\ \hline 82^{\circ} 47' 1'' \end{array}$$

OPERAZIONI con gli ANGOLI

Moltiplicazioni



$$\bullet 26^{\circ} 12' 9'' \times 4 = 104^{\circ} 48' 36''$$

$$\bullet 3^{\circ} 24' 17'' \times 25 = 85^{\circ} 7' 5''$$

$$\bullet 32^{\circ} 18' 13'' \times 3 = 96^{\circ} 54' 39''$$

$$\bullet 12^{\circ} 28' 46'' \times 12 = 144^{\circ} 45' 12''$$

$$\begin{array}{r} 425 \overline{) 60''} \\ 5'' \overline{) 7'} \end{array}$$

$$\begin{array}{r} 552 \overline{) 60''} \\ 12'' \overline{) 9'} \end{array}$$

$$\begin{array}{r} 345 \overline{) 60'} \\ 45' \overline{) 5''} \end{array}$$

$$26^{\circ} 12' 9'' \times$$

$$4 =$$

$$\hline 104^{\circ} 48' 36''$$

$$32^{\circ} 18' 13'' \times$$

$$3 =$$

$$\hline 96^{\circ} 54' 39''$$

$$3^{\circ} 24' 17'' \times$$

$$25 =$$

$$\hline 75^{\circ} 600' 425''$$

$$75^{\circ} 607' 5''$$

$$85^{\circ} 7' 5''$$



$$12^{\circ} 28' 46'' \times$$

$$12 =$$

$$\hline 144^{\circ} 336' 552''$$

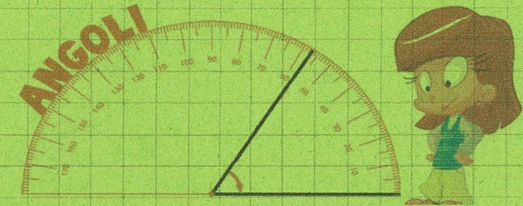
$$144^{\circ} 345' 12''$$

$$149^{\circ} 45' 12''$$

OPERAZIONI con gli ANGOLI

$$1^{\circ} = 60' \quad 1' = 60''$$

Divisioni



$$91^{\circ} 57' 14'' : 2 = 45^{\circ} 58' 37''$$

$$186^{\circ} 51' 42'' : 3 = 62^{\circ} 17' 14''$$

$$296^{\circ} 24' 40'' : 35 = 8^{\circ} 28' 8''$$

$$68^{\circ} 46' 30'' : 9 =$$

$$\begin{array}{r} 186^{\circ} 51' 42'' \\ 0 \quad 51' \\ 0 \quad 42'' \\ 0 \end{array} \bigg| \begin{array}{r} 3 \\ 62^{\circ} 17' 14'' \end{array}$$

$$\begin{array}{r} 296 \\ 16 \end{array} \bigg| \begin{array}{r} 35 \\ 8 \end{array} \quad \begin{array}{r} 984 \\ 284 \\ 4 \end{array} \bigg| \begin{array}{r} 35 \\ 28 \\ 4 \end{array}$$

$$\begin{array}{r} 186 \\ 06 \\ 0 \end{array} \bigg| \begin{array}{r} 3 \\ 62 \end{array} \quad \begin{array}{r} 984 \\ 21 \\ 0 \end{array} \bigg| \begin{array}{r} 3 \\ 17 \end{array} \quad \begin{array}{r} 296 \\ 12 \\ 0 \end{array} \bigg| \begin{array}{r} 3 \\ 14 \end{array}$$

$$\begin{array}{r} 91^{\circ} 57' 14'' \\ 1^{\circ} \quad 60' \\ 57' \\ 117' \\ 1' \\ 60'' \\ 14'' \\ 74'' \\ 0 \end{array} \bigg| \begin{array}{r} 2 \\ 45^{\circ} 58' 37'' \end{array}$$

$$\begin{array}{r} 280 \\ 0 \end{array} \bigg| \begin{array}{r} 35 \\ 8 \end{array}$$

$$\begin{array}{r} 296^{\circ} 24' 40'' \\ 16^{\circ} \\ 960' \\ 24' \\ 984' \\ 4' \\ 240'' \\ 40'' \\ 280'' \\ 0 \end{array} \bigg| \begin{array}{r} 35 \\ 8^{\circ} 28' 8'' \end{array}$$

$$\begin{array}{r} 984 \\ 11 \\ 1 \end{array} \bigg| \begin{array}{r} 2 \\ 47 \end{array} \quad \begin{array}{r} 117 \\ 17 \end{array} \bigg| \begin{array}{r} 2 \\ 58 \end{array} \quad \begin{array}{r} 74'' \\ 14 \end{array} \bigg| \begin{array}{r} 2 \\ 37 \end{array}$$

Prova da solo.....

1) $44^{\circ} 10' 26'' + 28^{\circ} 33' 14'' =$

2) $23^{\circ} 11' 92'' - 12^{\circ} 10' 42'' =$

3) $32^{\circ} 15' 12'' \times 2 =$

4) $23^{\circ} 13' 32'' : 2 =$

5) $120^{\circ} 27' 45'' + 36^{\circ} 12' 32'' =$

6) $24^{\circ} 11' 26'' + 19^{\circ} 43' 7'' + 46^{\circ} 23' 45'' =$

7) $48^{\circ} 35' 27'' - 37^{\circ} 25' 6'' =$

8) $186^{\circ} 46' 35'' : 5 =$

9) $130^{\circ} 22' 45'' : 3 =$

10) $340^{\circ} 27' 44'' : 32 =$

11) $87^{\circ} 32' 46'' \times 2 =$

12) $24^{\circ} 5' 13'' \times 13 =$

13) $3^{\circ} 10' 6'' \times 36 =$

14) $128^{\circ} 24' 48'' : 6 =$

15) $121^{\circ} 48' 48'' - 86^{\circ} 22' 52'' =$

16) $199^{\circ} 24' 38'' - 167^{\circ} 25' 46'' =$

17) $72^{\circ} 35' 28'' + 26^{\circ} 29' 34'' =$

18) $120^{\circ} 53' 15'' : 15 =$

19) $300^{\circ} 9' 48'' : 27 =$

20) $4^{\circ} 34' 52'' \times 18 =$

21) $277^{\circ} 16' 28'' - 85^{\circ} 45' 33'' =$

* $56^{\circ} 40' 17''$ * $37^{\circ} 21' 19''$ *

* $99^{\circ} 5' 2''$ * $191^{\circ} 30' 55''$ *

* $21^{\circ} 24' 8''$ * $31^{\circ} 58' 52''$ *

* $11^{\circ} 1' 50''$ * $10^{\circ} 38' 22''$ *

* $313^{\circ} 7' 49''$ * $35^{\circ} 25' 57''$ *

* $11^{\circ} 7' 44''$ * $72^{\circ} 43' 40''$ *

* $11^{\circ} 36' 46''$ * $175^{\circ} 5' 32''$ *

* $114^{\circ} 3' 36''$ *

* $43^{\circ} 27' 35''$ * $11^{\circ} 10' 21''$ *

* $64^{\circ} 30' 24''$ * $90^{\circ} 18' 18''$ *

* $8^{\circ} 3' 33''$ * $136^{\circ} 27' 36''$ *