

# **NOTA IMPORTANTE**

- De cada modelo de ficha hay 5 distintas.
- Las fichas con numeración de página **impar** son las fichas para el **alumno**.
- Cada ficha con numeración **par** es la solución de la anterior con numeración impar, es para el **profesor**.

Expresa en segundos

$$\begin{array}{rcl} 4^\circ & 56' & 30'' \rightarrow \\ \underline{4^\circ} & \times & \underline{3600} & = & \underline{14400''} \\ & & & & \\ & \underline{56'} & \times & \underline{60} & = & \underline{3360''} \\ & & & & & \\ & & & & & \underline{30''} \\ & & & & & \underline{17790''} \end{array}$$

$$10^\circ 50' 3'' \rightarrow \begin{array}{rcl} \underline{\quad} & \times & \underline{\quad} & = & \underline{\quad} \\ \underline{\quad} & \times & \underline{\quad} & = & \underline{\quad} \\ & & & & \underline{\quad} \\ & & & & \underline{\quad} \end{array}$$

$$18^\circ 30' 51'' \rightarrow \begin{array}{rcl} \underline{\quad} & \times & \underline{\quad} & = & \underline{\quad} \\ \underline{\quad} & \times & \underline{\quad} & = & \underline{\quad} \\ & & & & \underline{\quad} \\ & & & & \underline{\quad} \end{array}$$

$$14^\circ 47' 45'' \rightarrow \begin{array}{rcl} \underline{\quad} & \times & \underline{\quad} & = & \underline{\quad} \\ \underline{\quad} & \times & \underline{\quad} & = & \underline{\quad} \\ & & & & \underline{\quad} \\ & & & & \underline{\quad} \end{array}$$

$$12^\circ 28' 5'' \rightarrow \begin{array}{rcl} \underline{\quad} & \times & \underline{\quad} & = & \underline{\quad} \\ \underline{\quad} & \times & \underline{\quad} & = & \underline{\quad} \\ & & & & \underline{\quad} \\ & & & & \underline{\quad} \end{array}$$

$$17^\circ 31' 30'' \rightarrow \begin{array}{rcl} \underline{\quad} & \times & \underline{\quad} & = & \underline{\quad} \\ \underline{\quad} & \times & \underline{\quad} & = & \underline{\quad} \\ & & & & \underline{\quad} \\ & & & & \underline{\quad} \end{array}$$

Expresa en segundos

$$\begin{array}{r} 4^{\circ} \ 56' \ 30'' \rightarrow \underline{4^{\circ}} \times \underline{3600} = \underline{14400''} \\ \underline{56'} \times \underline{60} = \underline{3360''} \\ \underline{\hspace{10em}} \\ \underline{\hspace{10em}} \ 30'' \\ \underline{\hspace{10em}} \\ \underline{\hspace{10em}} \ \mathbf{17790''} \end{array}$$

$$\begin{array}{r} 10^{\circ} \ 50' \ 3'' \rightarrow \underline{10^{\circ}} \times \underline{3600} = \underline{36000''} \\ \underline{50'} \times \underline{60} = \underline{3000''} \\ \underline{\hspace{10em}} \\ \underline{\hspace{10em}} \ 3'' \\ \underline{\hspace{10em}} \\ \underline{\hspace{10em}} \ \mathbf{39003''} \end{array}$$

$$\begin{array}{r} 18^{\circ} \ 30' \ 51'' \rightarrow \underline{18^{\circ}} \times \underline{3600} = \underline{64800''} \\ \underline{30'} \times \underline{60} = \underline{1800''} \\ \underline{\hspace{10em}} \\ \underline{\hspace{10em}} \ 51'' \\ \underline{\hspace{10em}} \\ \underline{\hspace{10em}} \ \mathbf{66651''} \end{array}$$

$$\begin{array}{r} 14^{\circ} \ 47' \ 45'' \rightarrow \underline{14^{\circ}} \times \underline{3600} = \underline{50400''} \\ \underline{47'} \times \underline{60} = \underline{2820''} \\ \underline{\hspace{10em}} \\ \underline{\hspace{10em}} \ 45'' \\ \underline{\hspace{10em}} \\ \underline{\hspace{10em}} \ \mathbf{53265''} \end{array}$$

$$\begin{array}{r} 12^{\circ} \ 28' \ 5'' \rightarrow \underline{12^{\circ}} \times \underline{3600} = \underline{43200''} \\ \underline{28'} \times \underline{60} = \underline{1680''} \\ \underline{\hspace{10em}} \\ \underline{\hspace{10em}} \ 5'' \\ \underline{\hspace{10em}} \\ \underline{\hspace{10em}} \ \mathbf{44885''} \end{array}$$

$$\begin{array}{r} 17^{\circ} \ 31' \ 30'' \rightarrow \underline{17^{\circ}} \times \underline{3600} = \underline{61200''} \\ \underline{31'} \times \underline{60} = \underline{1860''} \\ \underline{\hspace{10em}} \\ \underline{\hspace{10em}} \ 30'' \\ \underline{\hspace{10em}} \\ \underline{\hspace{10em}} \ \mathbf{63090''} \end{array}$$



Expresa en segundos

$$\begin{array}{r} 18^\circ \ 53' \ 31'' \rightarrow \underline{18^\circ} \times \underline{3600} = \underline{64800''} \\ \underline{53'} \times \underline{60} = \underline{3180''} \\ \underline{\hspace{1.5cm}} \\ \underline{\hspace{1.5cm}} \ 31'' \\ \underline{\hspace{1.5cm}} \\ \underline{\hspace{1.5cm}} \ \mathbf{68011''} \end{array}$$

$$\begin{array}{r} 3^\circ \ 9' \ 17'' \rightarrow \underline{3^\circ} \times \underline{3600} = \underline{10800''} \\ \underline{9'} \times \underline{60} = \underline{540''} \\ \underline{\hspace{1.5cm}} \\ \underline{\hspace{1.5cm}} \ 17'' \\ \underline{\hspace{1.5cm}} \\ \underline{\hspace{1.5cm}} \ \mathbf{11357''} \end{array}$$

$$\begin{array}{r} 17^\circ \ 44' \ 20'' \rightarrow \underline{17^\circ} \times \underline{3600} = \underline{61200''} \\ \underline{44'} \times \underline{60} = \underline{2640''} \\ \underline{\hspace{1.5cm}} \\ \underline{\hspace{1.5cm}} \ 20'' \\ \underline{\hspace{1.5cm}} \\ \underline{\hspace{1.5cm}} \ \mathbf{63860''} \end{array}$$

$$\begin{array}{r} 17^\circ \ 30' \ 51'' \rightarrow \underline{17^\circ} \times \underline{3600} = \underline{61200''} \\ \underline{30'} \times \underline{60} = \underline{1800''} \\ \underline{\hspace{1.5cm}} \\ \underline{\hspace{1.5cm}} \ 51'' \\ \underline{\hspace{1.5cm}} \\ \underline{\hspace{1.5cm}} \ \mathbf{63051''} \end{array}$$

$$\begin{array}{r} 6^\circ \ 49' \ 55'' \rightarrow \underline{6^\circ} \times \underline{3600} = \underline{21600''} \\ \underline{49'} \times \underline{60} = \underline{2940''} \\ \underline{\hspace{1.5cm}} \\ \underline{\hspace{1.5cm}} \ 55'' \\ \underline{\hspace{1.5cm}} \\ \underline{\hspace{1.5cm}} \ \mathbf{24595''} \end{array}$$

$$\begin{array}{r} 14^\circ \ 47' \ 21'' \rightarrow \underline{14^\circ} \times \underline{3600} = \underline{50400''} \\ \underline{47'} \times \underline{60} = \underline{2820''} \\ \underline{\hspace{1.5cm}} \\ \underline{\hspace{1.5cm}} \ 21'' \\ \underline{\hspace{1.5cm}} \\ \underline{\hspace{1.5cm}} \ \mathbf{53241''} \end{array}$$

Expresa en segundos

$$\begin{array}{rcl} 8^\circ & 39' & 32'' \rightarrow \\ \underline{8^\circ} & \times & \underline{3600} & = & \underline{28800''} \\ \underline{39'} & \times & \underline{60} & = & \underline{2340''} \\ & & & & \underline{32''} \\ & & & & \underline{31172''} \end{array}$$

$$8^\circ \ 46' \ 53'' \rightarrow \begin{array}{rcl} \underline{\quad} & \times & \underline{\quad} & = & \underline{\quad} \\ \underline{\quad} & \times & \underline{\quad} & = & \underline{\quad} \\ & & & & \underline{\quad} \\ & & & & \underline{\quad} \end{array}$$

$$7^\circ \ 49' \ 27'' \rightarrow \begin{array}{rcl} \underline{\quad} & \times & \underline{\quad} & = & \underline{\quad} \\ \underline{\quad} & \times & \underline{\quad} & = & \underline{\quad} \\ & & & & \underline{\quad} \\ & & & & \underline{\quad} \end{array}$$

$$4^\circ \ 41' \ 3'' \rightarrow \begin{array}{rcl} \underline{\quad} & \times & \underline{\quad} & = & \underline{\quad} \\ \underline{\quad} & \times & \underline{\quad} & = & \underline{\quad} \\ & & & & \underline{\quad} \\ & & & & \underline{\quad} \end{array}$$

$$18^\circ \ 11' \ 26'' \rightarrow \begin{array}{rcl} \underline{\quad} & \times & \underline{\quad} & = & \underline{\quad} \\ \underline{\quad} & \times & \underline{\quad} & = & \underline{\quad} \\ & & & & \underline{\quad} \\ & & & & \underline{\quad} \end{array}$$

$$12^\circ \ 5' \ 59'' \rightarrow \begin{array}{rcl} \underline{\quad} & \times & \underline{\quad} & = & \underline{\quad} \\ \underline{\quad} & \times & \underline{\quad} & = & \underline{\quad} \\ & & & & \underline{\quad} \\ & & & & \underline{\quad} \end{array}$$

Expresa en segundos

$$\begin{array}{r} 8^{\circ} \ 39' \ 32'' \rightarrow \underline{8^{\circ}} \times \underline{3600} = \underline{28800''} \\ \underline{39'} \times \underline{60} = \underline{2340''} \\ \underline{\hspace{10em}} \\ \underline{\hspace{10em}} \ 32'' \\ \underline{\hspace{10em}} \\ \underline{\hspace{10em}} \mathbf{31172''} \end{array}$$

$$\begin{array}{r} 8^{\circ} \ 46' \ 53'' \rightarrow \underline{8^{\circ}} \times \underline{3600} = \underline{28800''} \\ \underline{46'} \times \underline{60} = \underline{2760''} \\ \underline{\hspace{10em}} \\ \underline{\hspace{10em}} \ 53'' \\ \underline{\hspace{10em}} \\ \underline{\hspace{10em}} \mathbf{31613''} \end{array}$$

$$\begin{array}{r} 7^{\circ} \ 49' \ 27'' \rightarrow \underline{7^{\circ}} \times \underline{3600} = \underline{25200''} \\ \underline{49'} \times \underline{60} = \underline{2940''} \\ \underline{\hspace{10em}} \\ \underline{\hspace{10em}} \ 27'' \\ \underline{\hspace{10em}} \\ \underline{\hspace{10em}} \mathbf{28167''} \end{array}$$

$$\begin{array}{r} 4^{\circ} \ 41' \ 3'' \rightarrow \underline{4^{\circ}} \times \underline{3600} = \underline{14400''} \\ \underline{41'} \times \underline{60} = \underline{2460''} \\ \underline{\hspace{10em}} \\ \underline{\hspace{10em}} \ 3'' \\ \underline{\hspace{10em}} \\ \underline{\hspace{10em}} \mathbf{16863''} \end{array}$$

$$\begin{array}{r} 18^{\circ} \ 11' \ 26'' \rightarrow \underline{18^{\circ}} \times \underline{3600} = \underline{64800''} \\ \underline{11'} \times \underline{60} = \underline{660''} \\ \underline{\hspace{10em}} \\ \underline{\hspace{10em}} \ 26'' \\ \underline{\hspace{10em}} \\ \underline{\hspace{10em}} \mathbf{65486''} \end{array}$$

$$\begin{array}{r} 12^{\circ} \ 5' \ 59'' \rightarrow \underline{12^{\circ}} \times \underline{3600} = \underline{43200''} \\ \underline{5'} \times \underline{60} = \underline{300''} \\ \underline{\hspace{10em}} \\ \underline{\hspace{10em}} \ 59'' \\ \underline{\hspace{10em}} \\ \underline{\hspace{10em}} \mathbf{43559''} \end{array}$$

Expresa en segundos

$$\begin{array}{r} 3^\circ \ 11' \ 2'' \ \rightarrow \ \underline{3^\circ} \times \underline{3600} \ = \ \underline{10800''} \\ \qquad \qquad \qquad \qquad \underline{11'} \times \underline{60} \ = \ \underline{660''} \\ \qquad \qquad \qquad \qquad \qquad \qquad \qquad \qquad \underline{2''} \\ \qquad \qquad \qquad \qquad \qquad \qquad \qquad \qquad \underline{11462''} \end{array}$$

$$15^\circ \ 49' \ 39'' \ \rightarrow \ \underline{\quad} \ \underline{\quad} \ \underline{\quad}$$
$$\underline{\quad} \ \underline{\quad} \ \underline{\quad}$$
$$\underline{\quad} \ \underline{\quad} \ \underline{\quad}$$

$$7^\circ \ 38' \ 27'' \ \rightarrow \ \underline{\quad} \ \underline{\quad} \ \underline{\quad}$$
$$\underline{\quad} \ \underline{\quad} \ \underline{\quad}$$
$$\underline{\quad} \ \underline{\quad} \ \underline{\quad}$$

$$3^\circ \ 7' \ 49'' \ \rightarrow \ \underline{\quad} \ \underline{\quad} \ \underline{\quad}$$
$$\underline{\quad} \ \underline{\quad} \ \underline{\quad}$$
$$\underline{\quad} \ \underline{\quad} \ \underline{\quad}$$

$$4^\circ \ 51' \ 51'' \ \rightarrow \ \underline{\quad} \ \underline{\quad} \ \underline{\quad}$$
$$\underline{\quad} \ \underline{\quad} \ \underline{\quad}$$
$$\underline{\quad} \ \underline{\quad} \ \underline{\quad}$$

$$11^\circ \ 12' \ 42'' \ \rightarrow \ \underline{\quad} \ \underline{\quad} \ \underline{\quad}$$
$$\underline{\quad} \ \underline{\quad} \ \underline{\quad}$$
$$\underline{\quad} \ \underline{\quad} \ \underline{\quad}$$



Expresa en segundos

$$\begin{array}{r} 3^\circ \ 11' \ 2'' \rightarrow \underline{3^\circ} \times \underline{3600} = \underline{10800''} \\ \underline{11'} \times \underline{60} = \underline{660''} \\ \underline{\hspace{10em}} \\ \underline{\hspace{10em}} \underline{2''} \\ \underline{\hspace{10em}} \\ \underline{\hspace{10em}} \underline{\mathbf{11462''}} \end{array}$$

$$\begin{array}{r} 15^\circ \ 49' \ 39'' \rightarrow \underline{15^\circ} \times \underline{3600} = \underline{54000''} \\ \underline{49'} \times \underline{60} = \underline{2940''} \\ \underline{\hspace{10em}} \\ \underline{\hspace{10em}} \underline{39''} \\ \underline{\hspace{10em}} \\ \underline{\hspace{10em}} \underline{\mathbf{56979''}} \end{array}$$

$$\begin{array}{r} 7^\circ \ 38' \ 27'' \rightarrow \underline{7^\circ} \times \underline{3600} = \underline{25200''} \\ \underline{38'} \times \underline{60} = \underline{2280''} \\ \underline{\hspace{10em}} \\ \underline{\hspace{10em}} \underline{27''} \\ \underline{\hspace{10em}} \\ \underline{\hspace{10em}} \underline{\mathbf{27507''}} \end{array}$$

$$\begin{array}{r} 3^\circ \ 7' \ 49'' \rightarrow \underline{3^\circ} \times \underline{3600} = \underline{10800''} \\ \underline{7'} \times \underline{60} = \underline{420''} \\ \underline{\hspace{10em}} \\ \underline{\hspace{10em}} \underline{49''} \\ \underline{\hspace{10em}} \\ \underline{\hspace{10em}} \underline{\mathbf{11269''}} \end{array}$$

$$\begin{array}{r} 4^\circ \ 51' \ 51'' \rightarrow \underline{4^\circ} \times \underline{3600} = \underline{14400''} \\ \underline{51'} \times \underline{60} = \underline{3060''} \\ \underline{\hspace{10em}} \\ \underline{\hspace{10em}} \underline{51''} \\ \underline{\hspace{10em}} \\ \underline{\hspace{10em}} \underline{\mathbf{17511''}} \end{array}$$

$$\begin{array}{r} 11^\circ \ 12' \ 42'' \rightarrow \underline{11^\circ} \times \underline{3600} = \underline{39600''} \\ \underline{12'} \times \underline{60} = \underline{720''} \\ \underline{\hspace{10em}} \\ \underline{\hspace{10em}} \underline{42''} \\ \underline{\hspace{10em}} \\ \underline{\hspace{10em}} \underline{\mathbf{40362''}} \end{array}$$

Expresa en segundos

$$\begin{array}{rcl} 10^\circ 59' 36'' & \rightarrow & \frac{10^\circ}{59'} \times \frac{3600}{60} = \frac{36000''}{3540''} \\ & & \frac{36''}{39576''} \end{array}$$

$$12^\circ 48' 8'' \rightarrow \begin{array}{rcl} \underline{\hspace{1cm}} & \underline{\hspace{1cm}} & \underline{\hspace{1cm}} \\ \underline{\hspace{1cm}} & \underline{\hspace{1cm}} & \underline{\hspace{1cm}} \\ & & \underline{\hspace{1cm}} \\ & & \underline{\hspace{1cm}} \end{array}$$

$$11^\circ 2' 52'' \rightarrow \begin{array}{rcl} \underline{\hspace{1cm}} & \underline{\hspace{1cm}} & \underline{\hspace{1cm}} \\ \underline{\hspace{1cm}} & \underline{\hspace{1cm}} & \underline{\hspace{1cm}} \\ & & \underline{\hspace{1cm}} \\ & & \underline{\hspace{1cm}} \end{array}$$

$$13^\circ 39' 11'' \rightarrow \begin{array}{rcl} \underline{\hspace{1cm}} & \underline{\hspace{1cm}} & \underline{\hspace{1cm}} \\ \underline{\hspace{1cm}} & \underline{\hspace{1cm}} & \underline{\hspace{1cm}} \\ & & \underline{\hspace{1cm}} \\ & & \underline{\hspace{1cm}} \end{array}$$

$$17^\circ 47' 45'' \rightarrow \begin{array}{rcl} \underline{\hspace{1cm}} & \underline{\hspace{1cm}} & \underline{\hspace{1cm}} \\ \underline{\hspace{1cm}} & \underline{\hspace{1cm}} & \underline{\hspace{1cm}} \\ & & \underline{\hspace{1cm}} \\ & & \underline{\hspace{1cm}} \end{array}$$

$$16^\circ 59' 38'' \rightarrow \begin{array}{rcl} \underline{\hspace{1cm}} & \underline{\hspace{1cm}} & \underline{\hspace{1cm}} \\ \underline{\hspace{1cm}} & \underline{\hspace{1cm}} & \underline{\hspace{1cm}} \\ & & \underline{\hspace{1cm}} \\ & & \underline{\hspace{1cm}} \end{array}$$

Expresa en segundos

$$\begin{array}{r} 10^{\circ} 59' 36'' \rightarrow \underline{10^{\circ}} \times \underline{3600} = \underline{36000''} \\ \underline{59'} \times \underline{60} = \underline{3540''} \\ \underline{36''} \\ \hline \mathbf{39576''} \end{array}$$

$$\begin{array}{r} 12^{\circ} 48' 8'' \rightarrow \underline{12^{\circ}} \times \underline{3600} = \underline{43200''} \\ \underline{48'} \times \underline{60} = \underline{2880''} \\ \underline{8''} \\ \hline \mathbf{46088''} \end{array}$$

$$\begin{array}{r} 11^{\circ} 2' 52'' \rightarrow \underline{11^{\circ}} \times \underline{3600} = \underline{39600''} \\ \underline{2'} \times \underline{60} = \underline{120''} \\ \underline{52''} \\ \hline \mathbf{39772''} \end{array}$$

$$\begin{array}{r} 13^{\circ} 39' 11'' \rightarrow \underline{13^{\circ}} \times \underline{3600} = \underline{46800''} \\ \underline{39'} \times \underline{60} = \underline{2340''} \\ \underline{11''} \\ \hline \mathbf{49151''} \end{array}$$

$$\begin{array}{r} 17^{\circ} 47' 45'' \rightarrow \underline{17^{\circ}} \times \underline{3600} = \underline{61200''} \\ \underline{47'} \times \underline{60} = \underline{2820''} \\ \underline{45''} \\ \hline \mathbf{64065''} \end{array}$$

$$\begin{array}{r} 16^{\circ} 59' 38'' \rightarrow \underline{16^{\circ}} \times \underline{3600} = \underline{57600''} \\ \underline{59'} \times \underline{60} = \underline{3540''} \\ \underline{38''} \\ \hline \mathbf{61178''} \end{array}$$

Expresa en grados, minutos y segundos

$$11030'' = \underline{3^\circ 3' 50''}$$

11030''	60	
50''	183'	60
	3'	3°

$$46302'' = \underline{\hspace{2cm}}$$


$$88540'' = \underline{\hspace{2cm}}$$


$$81270'' = \underline{\hspace{2cm}}$$


$$14334'' = \underline{\hspace{2cm}}$$


$$60272'' = \underline{\hspace{2cm}}$$


$$20020'' = \underline{\hspace{2cm}}$$


$$44409'' = \underline{\hspace{2cm}}$$


$$41894'' = \underline{\hspace{2cm}}$$


$$17806'' = \underline{\hspace{2cm}}$$


Expresa en grados, minutos y segundos

$$11030'' = \underline{3^\circ 3' 50''}$$

11030''	60	
50''	183'	60
	3'	3°

$$46302'' = \underline{12^\circ 51' 42''}$$

46302''	60	
42''	771'	60
	51'	12°

$$88540'' = \underline{24^\circ 35' 40''}$$

88540''	60	
40''	1475'	60
	35'	24°

$$81270'' = \underline{22^\circ 34' 30''}$$

81270''	60	
30''	1354'	60
	34'	22°

$$14334'' = \underline{3^\circ 58' 54''}$$

14334''	60	
54''	238'	60
	58'	3°

$$60272'' = \underline{16^\circ 44' 32''}$$

60272''	60	
32''	1004'	60
	44'	16°

$$20020'' = \underline{5^\circ 33' 40''}$$

20020''	60	
40''	333'	60
	33'	5°

$$44409'' = \underline{12^\circ 20' 9''}$$

44409''	60	
9''	740'	60
	20'	12°

$$41894'' = \underline{11^\circ 38' 14''}$$

41894''	60	
14''	698'	60
	38'	11°

$$17806'' = \underline{4^\circ 56' 46''}$$

17806''	60	
46''	296'	60
	56'	4°

Expresa en grados, minutos y segundos

$$35262'' = \underline{9^\circ 47' 42''}$$

35262''	60	
42''	587'	60
	47'	9°

$$27105'' = \underline{\hspace{2cm}}$$

_____		
_____		

$$74807'' = \underline{\hspace{2cm}}$$

_____		
_____		

$$27374'' = \underline{\hspace{2cm}}$$

_____		
_____		

$$14879'' = \underline{\hspace{2cm}}$$

_____		
_____		

$$55460'' = \underline{\hspace{2cm}}$$

_____		
_____		

$$83347'' = \underline{\hspace{2cm}}$$

_____		
_____		

$$23015'' = \underline{\hspace{2cm}}$$

_____		
_____		

$$12338'' = \underline{\hspace{2cm}}$$

_____		
_____		

$$54499'' = \underline{\hspace{2cm}}$$

_____		
_____		

Expresa en grados, minutos y segundos

$$35262'' = \underline{9^\circ 47' 42''}$$

35262''	60	
42''	587'	60
	47'	9°

$$27105'' = \underline{7^\circ 31' 45''}$$

27105''	60	
45''	451'	60
	31'	7°

$$74807'' = \underline{20^\circ 46' 47''}$$

74807''	60	
47''	1246'	60
	46'	20°

$$27374'' = \underline{7^\circ 36' 14''}$$

27374''	60	
14''	456'	60
	36'	7°

$$14879'' = \underline{4^\circ 7' 59''}$$

14879''	60	
59''	247'	60
	7'	4°

$$55460'' = \underline{15^\circ 24' 20''}$$

55460''	60	
20''	924'	60
	24'	15°

$$83347'' = \underline{23^\circ 9' 7''}$$

83347''	60	
7''	1389'	60
	9'	23°

$$23015'' = \underline{6^\circ 23' 35''}$$

23015''	60	
35''	383'	60
	23'	6°

$$12338'' = \underline{3^\circ 25' 38''}$$

12338''	60	
38''	205'	60
	25'	3°

$$54499'' = \underline{15^\circ 8' 19''}$$

54499''	60	
19''	908'	60
	8'	15°

Expresa en grados, minutos y segundos

$$79953'' = \underline{22^\circ 12' 33''}$$

79953''	60	
33''	1332'	60
	12'	22°

$$31091'' = \underline{\hspace{2cm}}$$

_____		_____
_____		_____
_____		_____

$$80462'' = \underline{\hspace{2cm}}$$

_____		_____
_____		_____
_____		_____

$$13407'' = \underline{\hspace{2cm}}$$

_____		_____
_____		_____
_____		_____

$$12810'' = \underline{\hspace{2cm}}$$

_____		_____
_____		_____
_____		_____

$$70881'' = \underline{\hspace{2cm}}$$

_____		_____
_____		_____
_____		_____

$$63062'' = \underline{\hspace{2cm}}$$

_____		_____
_____		_____
_____		_____

$$20552'' = \underline{\hspace{2cm}}$$

_____		_____
_____		_____
_____		_____

$$86958'' = \underline{\hspace{2cm}}$$

_____		_____
_____		_____
_____		_____

$$64005'' = \underline{\hspace{2cm}}$$

_____		_____
_____		_____
_____		_____



Expresa en grados, minutos y segundos

$$79953'' = \underline{22^\circ 12' 33''}$$

79953''	60	
33''	1332'	60
	12'	22°

$$31091'' = \underline{8^\circ 38' 11''}$$

31091''	60	
11''	518'	60
	38'	8°

$$80462'' = \underline{22^\circ 21' 2''}$$

80462''	60	
2''	1341'	60
	21'	22°

$$13407'' = \underline{3^\circ 43' 27''}$$

13407''	60	
27''	223'	60
	43'	3°

$$12810'' = \underline{3^\circ 33' 30''}$$

12810''	60	
30''	213'	60
	33'	3°

$$70881'' = \underline{19^\circ 41' 21''}$$

70881''	60	
21''	1181'	60
	41'	19°

$$63062'' = \underline{17^\circ 31' 2''}$$

63062''	60	
2''	1051'	60
	31'	17°

$$20552'' = \underline{5^\circ 42' 32''}$$

20552''	60	
32''	342'	60
	42'	5°

$$86958'' = \underline{24^\circ 9' 18''}$$

86958''	60	
18''	1449'	60
	9'	24°

$$64005'' = \underline{17^\circ 46' 45''}$$

64005''	60	
45''	1066'	60
	46'	17°

Expresa en grados, minutos y segundos

$$38631'' = \underline{10^\circ 43' 51''}$$

38631''	60		
51''	643'	60	
	43'	10°	

$$12969'' = \underline{\hspace{2cm}}$$


$$36952'' = \underline{\hspace{2cm}}$$


$$84460'' = \underline{\hspace{2cm}}$$


$$47530'' = \underline{\hspace{2cm}}$$


$$65023'' = \underline{\hspace{2cm}}$$


$$54651'' = \underline{\hspace{2cm}}$$


$$80322'' = \underline{\hspace{2cm}}$$


$$62837'' = \underline{\hspace{2cm}}$$


$$51268'' = \underline{\hspace{2cm}}$$


Expresa en grados, minutos y segundos

$$38631'' = \underline{10^\circ 43' 51''}$$

38631''	60	
51''	643'	60
	43'	10°

$$12969'' = \underline{3^\circ 36' 9''}$$

12969''	60	
9''	216'	60
	36'	3°

$$36952'' = \underline{10^\circ 15' 52''}$$

36952''	60	
52''	615'	60
	15'	10°

$$84460'' = \underline{23^\circ 27' 40''}$$

84460''	60	
40''	1407'	60
	27'	23°

$$47530'' = \underline{13^\circ 12' 10''}$$

47530''	60	
10''	792'	60
	12'	13°

$$65023'' = \underline{18^\circ 3' 43''}$$

65023''	60	
43''	1083'	60
	3'	18°

$$54651'' = \underline{15^\circ 10' 51''}$$

54651''	60	
51''	910'	60
	10'	15°

$$80322'' = \underline{22^\circ 18' 42''}$$

80322''	60	
42''	1338'	60
	18'	22°

$$62837'' = \underline{17^\circ 27' 17''}$$

62837''	60	
17''	1047'	60
	27'	17°

$$51268'' = \underline{14^\circ 14' 28''}$$

51268''	60	
28''	854'	60
	14'	14°

Expresa en grados, minutos y segundos

$$78993'' = \underline{21^\circ 56' 33''}$$

78993''	60	
33''	1316'	60
	56'	21°

$$42942'' = \underline{\hspace{2cm}}$$

_____	_____	
_____	_____	_____
	_____	_____

$$73957'' = \underline{\hspace{2cm}}$$

_____	_____	
_____	_____	_____
	_____	_____

$$17703'' = \underline{\hspace{2cm}}$$

_____	_____	
_____	_____	_____
	_____	_____

$$69724'' = \underline{\hspace{2cm}}$$

_____	_____	
_____	_____	_____
	_____	_____

$$65088'' = \underline{\hspace{2cm}}$$

_____	_____	
_____	_____	_____
	_____	_____

$$15077'' = \underline{\hspace{2cm}}$$

_____	_____	
_____	_____	_____
	_____	_____

$$20293'' = \underline{\hspace{2cm}}$$

_____	_____	
_____	_____	_____
	_____	_____

$$78397'' = \underline{\hspace{2cm}}$$

_____	_____	
_____	_____	_____
	_____	_____

$$14783'' = \underline{\hspace{2cm}}$$

_____	_____	
_____	_____	_____
	_____	_____

Expresa en grados, minutos y segundos

$$78993'' = \underline{21^\circ 56' 33''}$$

78993''	60	
33''	1316'	60
	56'	21°

$$42942'' = \underline{11^\circ 55' 42''}$$

42942''	60	
42''	715'	60
	55'	11°

$$73957'' = \underline{20^\circ 32' 37''}$$

73957''	60	
37''	1232'	60
	32'	20°

$$17703'' = \underline{4^\circ 55' 3''}$$

17703''	60	
3''	295'	60
	55'	4°

$$69724'' = \underline{19^\circ 22' 4''}$$

69724''	60	
4''	1162'	60
	22'	19°

$$65088'' = \underline{18^\circ 4' 48''}$$

65088''	60	
48''	1084'	60
	4'	18°

$$15077'' = \underline{4^\circ 11' 17''}$$

15077''	60	
17''	251'	60
	11'	4°

$$20293'' = \underline{5^\circ 38' 13''}$$

20293''	60	
13''	338'	60
	38'	5°

$$78397'' = \underline{21^\circ 46' 37''}$$

78397''	60	
37''	1306'	60
	46'	21°

$$14783'' = \underline{4^\circ 6' 23''}$$

14783''	60	
23''	246'	60
	6'	4°

$$20^{\circ} 39' 18'' + 10^{\circ} 8' 3'' \rightarrow$$

+		
<hr style="border-top: 2px solid black;"/>		

$$9^{\circ} 41' 13'' + 18^{\circ} 49' 35'' \rightarrow$$

+		
<hr style="border-top: 2px solid black;"/>		

$$5^{\circ} 27' 10'' + 11^{\circ} 56' 31'' \rightarrow$$

+		
<hr style="border-top: 2px solid black;"/>		

$$5^{\circ} 23' 12'' + 12^{\circ} 18' 7'' \rightarrow$$

+		
<hr style="border-top: 2px solid black;"/>		

$$20^{\circ} 46' 36'' + 19^{\circ} 37' 6'' \rightarrow$$

+		
<hr style="border-top: 2px solid black;"/>		

$$6^{\circ} 48' 39'' + 15^{\circ} 14' 39'' \rightarrow$$

+		
<hr style="border-top: 2px solid black;"/>		

$$2^{\circ} 9' 2'' + 7^{\circ} 35' 45'' \rightarrow$$

+		
<hr style="border-top: 2px solid black;"/>		

$$20^{\circ} 39' 18'' + 10^{\circ} 8' 3'' \rightarrow$$

30°	47'	21''

$$9^{\circ} 41' 13'' + 18^{\circ} 49' 35'' \rightarrow$$

28°	30'	48''

$$5^{\circ} 27' 10'' + 11^{\circ} 56' 31'' \rightarrow$$

17°	23'	41''

$$5^{\circ} 23' 12'' + 12^{\circ} 18' 7'' \rightarrow$$

17°	41'	19''

$$20^{\circ} 46' 36'' + 19^{\circ} 37' 6'' \rightarrow$$

40°	23'	42''

$$6^{\circ} 48' 39'' + 15^{\circ} 14' 39'' \rightarrow$$

22°	3'	18''

$$2^{\circ} 9' 2'' + 7^{\circ} 35' 45'' \rightarrow$$

9°	44'	47''

$$17^{\circ} 20' 43'' + 2^{\circ} 34' 17'' \rightarrow$$

+		
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$$16^{\circ} 47' 9'' + 2^{\circ} 9' 23'' \rightarrow$$

+		
<hr style="border-top: 3px double black;"/>		

$$14^{\circ} 6' 9'' + 11^{\circ} 53' 47'' \rightarrow$$

+		
<hr style="border-top: 3px double black;"/>		

$$12^{\circ} 23' 12'' + 19^{\circ} 24' 44'' \rightarrow$$

+		
<hr style="border-top: 3px double black;"/>		

$$7^{\circ} 3' 12'' + 6^{\circ} 45' 42'' \rightarrow$$

+		
<hr style="border-top: 3px double black;"/>		

$$11^{\circ} 25' 31'' + 2^{\circ} 23' 9'' \rightarrow$$

+		
<hr style="border-top: 3px double black;"/>		

$$2^{\circ} 7' 42'' + 14^{\circ} 29' 45'' \rightarrow$$

+		
<hr style="border-top: 3px double black;"/>		



$$17^{\circ} 20' 43'' + 2^{\circ} 34' 17'' \rightarrow$$

+		
19°	55'	0''

$$16^{\circ} 47' 9'' + 2^{\circ} 9' 23'' \rightarrow$$

+		
18°	56'	32''

$$14^{\circ} 6' 9'' + 11^{\circ} 53' 47'' \rightarrow$$

+		
25°	59'	56''

$$12^{\circ} 23' 12'' + 19^{\circ} 24' 44'' \rightarrow$$

+		
31°	47'	56''

$$7^{\circ} 3' 12'' + 6^{\circ} 45' 42'' \rightarrow$$

+		
13°	48'	54''

$$11^{\circ} 25' 31'' + 2^{\circ} 23' 9'' \rightarrow$$

+		
13°	48'	40''

$$2^{\circ} 7' 42'' + 14^{\circ} 29' 45'' \rightarrow$$

+		
16°	37'	27''

$$17^{\circ} 6' 42'' + 11^{\circ} 16' 57'' \rightarrow$$

+		
<hr style="border-top: 3px double black;"/>		

$$14^{\circ} 21' 43'' + 9^{\circ} 36' 38'' \rightarrow$$

+		
<hr style="border-top: 3px double black;"/>		

$$2^{\circ} 54' 6'' + 15^{\circ} 7' 11'' \rightarrow$$

+		
<hr style="border-top: 3px double black;"/>		

$$6^{\circ} 35' 30'' + 12^{\circ} 10' 2'' \rightarrow$$

+		
<hr style="border-top: 3px double black;"/>		

$$6^{\circ} 10' 57'' + 18^{\circ} 2' 6'' \rightarrow$$

+		
<hr style="border-top: 3px double black;"/>		

$$14^{\circ} 33' 41'' + 16^{\circ} 48' 23'' \rightarrow$$

+		
<hr style="border-top: 3px double black;"/>		

$$20^{\circ} 11' 49'' + 4^{\circ} 12' 47'' \rightarrow$$

+		
<hr style="border-top: 3px double black;"/>		

$$17^{\circ} \ 6' \ 42'' + 11^{\circ} \ 16' \ 57'' \rightarrow$$

+		
28°	23'	39''

$$14^{\circ} \ 21' \ 43'' + 9^{\circ} \ 36' \ 38'' \rightarrow$$

+		
23°	58'	21''

$$2^{\circ} \ 54' \ 6'' + 15^{\circ} \ 7' \ 11'' \rightarrow$$

+		
18°	1'	17''

$$6^{\circ} \ 35' \ 30'' + 12^{\circ} \ 10' \ 2'' \rightarrow$$

+		
18°	45'	32''

$$6^{\circ} \ 10' \ 57'' + 18^{\circ} \ 2' \ 6'' \rightarrow$$

+		
24°	13'	3''

$$14^{\circ} \ 33' \ 41'' + 16^{\circ} \ 48' \ 23'' \rightarrow$$

+		
31°	22'	4''

$$20^{\circ} \ 11' \ 49'' + 4^{\circ} \ 12' \ 47'' \rightarrow$$

+		
24°	24'	36''

$$8^{\circ} 17' 23'' + 13^{\circ} 8' 16'' \rightarrow$$

+		
<hr style="border-top: 2px solid black;"/>		

$$19^{\circ} 58' 46'' + 7^{\circ} 29' 14'' \rightarrow$$

+		
<hr style="border-top: 2px solid black;"/>		

$$3^{\circ} 35' 15'' + 14^{\circ} 25' 43'' \rightarrow$$

+		
<hr style="border-top: 2px solid black;"/>		

$$12^{\circ} 15' 52'' + 12^{\circ} 46' 37'' \rightarrow$$

+		
<hr style="border-top: 2px solid black;"/>		

$$2^{\circ} 41' 49'' + 12^{\circ} 44' 20'' \rightarrow$$

+		
<hr style="border-top: 2px solid black;"/>		

$$20^{\circ} 37' 57'' + 16^{\circ} 24' 55'' \rightarrow$$

+		
<hr style="border-top: 2px solid black;"/>		

$$4^{\circ} 56' 10'' + 7^{\circ} 28' 47'' \rightarrow$$

+		
<hr style="border-top: 2px solid black;"/>		

$$8^{\circ} 17' 23'' + 13^{\circ} 8' 16'' \rightarrow$$

21°	25'	39''

$$19^{\circ} 58' 46'' + 7^{\circ} 29' 14'' \rightarrow$$

27°	28'	0''

$$3^{\circ} 35' 15'' + 14^{\circ} 25' 43'' \rightarrow$$

18°	0'	58''

$$12^{\circ} 15' 52'' + 12^{\circ} 46' 37'' \rightarrow$$

25°	2'	29''

$$2^{\circ} 41' 49'' + 12^{\circ} 44' 20'' \rightarrow$$

15°	26'	9''

$$20^{\circ} 37' 57'' + 16^{\circ} 24' 55'' \rightarrow$$

37°	2'	52''

$$4^{\circ} 56' 10'' + 7^{\circ} 28' 47'' \rightarrow$$

12°	24'	57''

$$10^{\circ} 37' 46'' + 10^{\circ} 56' 13'' \rightarrow$$

<hr style="border-top: 2px solid black;"/>		

$$9^{\circ} 53' 17'' + 15^{\circ} 50' 11'' \rightarrow$$

<hr style="border-top: 2px solid black;"/>		

$$17^{\circ} 35' 25'' + 10^{\circ} 46' 25'' \rightarrow$$

<hr style="border-top: 2px solid black;"/>		

$$3^{\circ} 43' 38'' + 8^{\circ} 46' 8'' \rightarrow$$

<hr style="border-top: 2px solid black;"/>		

$$13^{\circ} 18' 52'' + 15^{\circ} 58' 34'' \rightarrow$$

<hr style="border-top: 2px solid black;"/>		

$$12^{\circ} 14' 28'' + 8^{\circ} 44' 16'' \rightarrow$$

<hr style="border-top: 2px solid black;"/>		

$$16^{\circ} 35' 8'' + 18^{\circ} 48' 27'' \rightarrow$$

<hr style="border-top: 2px solid black;"/>		

$$10^{\circ} 37' 46'' + 10^{\circ} 56' 13'' \rightarrow$$

21°	33'	59''

$$9^{\circ} 53' 17'' + 15^{\circ} 50' 11'' \rightarrow$$

25°	43'	28''

$$17^{\circ} 35' 25'' + 10^{\circ} 46' 25'' \rightarrow$$

28°	21'	50''

$$3^{\circ} 43' 38'' + 8^{\circ} 46' 8'' \rightarrow$$

12°	29'	46''

$$13^{\circ} 18' 52'' + 15^{\circ} 58' 34'' \rightarrow$$

29°	17'	26''

$$12^{\circ} 14' 28'' + 8^{\circ} 44' 16'' \rightarrow$$

20°	58'	44''

$$16^{\circ} 35' 8'' + 18^{\circ} 48' 27'' \rightarrow$$

35°	23'	35''

$$15^{\circ} 54' 18'' - 4^{\circ} 33' 23'' \rightarrow$$


$$18^{\circ} 57' 57'' - 4^{\circ} 17' 25'' \rightarrow$$


$$10^{\circ} 33' 32'' - 7^{\circ} 16' 48'' \rightarrow$$


$$14^{\circ} 28' 53'' - 6^{\circ} 21' 37'' \rightarrow$$


$$16^{\circ} 42' 40'' - 4^{\circ} 39' 42'' \rightarrow$$


$$10^{\circ} 17' 44'' - 5^{\circ} 51' 21'' \rightarrow$$


$$20^{\circ} 30' 20'' - 4^{\circ} 46' 50'' \rightarrow$$




$$15^{\circ} 54' 18'' - 4^{\circ} 33' 23'' \rightarrow$$

-		
<b>11°</b>	<b>20'</b>	<b>55''</b>

$$18^{\circ} 57' 57'' - 4^{\circ} 17' 25'' \rightarrow$$

-		
<b>14°</b>	<b>40'</b>	<b>32''</b>

$$10^{\circ} 33' 32'' - 7^{\circ} 16' 48'' \rightarrow$$

-		
<b>3°</b>	<b>16'</b>	<b>44''</b>

$$14^{\circ} 28' 53'' - 6^{\circ} 21' 37'' \rightarrow$$

-		
<b>8°</b>	<b>7'</b>	<b>16''</b>

$$16^{\circ} 42' 40'' - 4^{\circ} 39' 42'' \rightarrow$$

-		
<b>12°</b>	<b>2'</b>	<b>58''</b>

$$10^{\circ} 17' 44'' - 5^{\circ} 51' 21'' \rightarrow$$

-		
<b>4°</b>	<b>26'</b>	<b>23''</b>

$$20^{\circ} 30' 20'' - 4^{\circ} 46' 50'' \rightarrow$$

-		
<b>15°</b>	<b>43'</b>	<b>30''</b>

$$16^{\circ} 32' 55'' - 8^{\circ} 47' 23'' \rightarrow$$

-		

$$20^{\circ} 36' 31'' - 7^{\circ} 20' 16'' \rightarrow$$

-		

$$16^{\circ} 27' 59'' - 7^{\circ} 34' 39'' \rightarrow$$

-		

$$15^{\circ} 23' 33'' - 4^{\circ} 53' 32'' \rightarrow$$

-		

$$18^{\circ} 31' 26'' - 8^{\circ} 52' 38'' \rightarrow$$

-		

$$15^{\circ} 24' 49'' - 8^{\circ} 46' 29'' \rightarrow$$

-		

$$20^{\circ} 50' 28'' - 8^{\circ} 28' 43'' \rightarrow$$

-		

$$16^{\circ} 32' 55'' - 8^{\circ} 47' 23'' \rightarrow$$

-		
<b>7°</b>	<b>45'</b>	<b>32''</b>

$$20^{\circ} 36' 31'' - 7^{\circ} 20' 16'' \rightarrow$$

-		
<b>13°</b>	<b>16'</b>	<b>15''</b>

$$16^{\circ} 27' 59'' - 7^{\circ} 34' 39'' \rightarrow$$

-		
<b>8°</b>	<b>53'</b>	<b>20''</b>

$$15^{\circ} 23' 33'' - 4^{\circ} 53' 32'' \rightarrow$$

-		
<b>10°</b>	<b>30'</b>	<b>1''</b>

$$18^{\circ} 31' 26'' - 8^{\circ} 52' 38'' \rightarrow$$

-		
<b>9°</b>	<b>38'</b>	<b>48''</b>

$$15^{\circ} 24' 49'' - 8^{\circ} 46' 29'' \rightarrow$$

-		
<b>6°</b>	<b>38'</b>	<b>20''</b>

$$20^{\circ} 50' 28'' - 8^{\circ} 28' 43'' \rightarrow$$

-		
<b>12°</b>	<b>21'</b>	<b>45''</b>

$$13^{\circ} 43' 28'' - 3^{\circ} 46' 51'' \rightarrow$$

-		

$$17^{\circ} 57' 17'' - 4^{\circ} 19' 22'' \rightarrow$$

-		

$$12^{\circ} 36' 29'' - 4^{\circ} 18' 22'' \rightarrow$$

-		

$$20^{\circ} 16' 18'' - 8^{\circ} 28' 34'' \rightarrow$$

-		

$$13^{\circ} 26' 51'' - 3^{\circ} 43' 19'' \rightarrow$$

-		

$$11^{\circ} 18' 34'' - 6^{\circ} 58' 38'' \rightarrow$$

-		

$$18^{\circ} 23' 38'' - 5^{\circ} 45' 55'' \rightarrow$$

-		

$$13^{\circ} 43' 28'' - 3^{\circ} 46' 51'' \rightarrow$$

-		
<b>9°</b>	<b>56'</b>	<b>37''</b>

$$17^{\circ} 57' 17'' - 4^{\circ} 19' 22'' \rightarrow$$

-		
<b>13°</b>	<b>37'</b>	<b>55''</b>

$$12^{\circ} 36' 29'' - 4^{\circ} 18' 22'' \rightarrow$$

-		
<b>8°</b>	<b>18'</b>	<b>7''</b>

$$20^{\circ} 16' 18'' - 8^{\circ} 28' 34'' \rightarrow$$

-		
<b>11°</b>	<b>47'</b>	<b>44''</b>

$$13^{\circ} 26' 51'' - 3^{\circ} 43' 19'' \rightarrow$$

-		
<b>9°</b>	<b>43'</b>	<b>32''</b>

$$11^{\circ} 18' 34'' - 6^{\circ} 58' 38'' \rightarrow$$

-		
<b>4°</b>	<b>19'</b>	<b>56''</b>

$$18^{\circ} 23' 38'' - 5^{\circ} 45' 55'' \rightarrow$$

-		
<b>12°</b>	<b>37'</b>	<b>43''</b>

$$13^{\circ} 52' 32'' - 5^{\circ} 40' 21'' \rightarrow$$


$$14^{\circ} 50' 51'' - 7^{\circ} 22' 59'' \rightarrow$$


$$15^{\circ} 17' 31'' - 4^{\circ} 38' 37'' \rightarrow$$


$$14^{\circ} 53' 27'' - 3^{\circ} 57' 30'' \rightarrow$$


$$12^{\circ} 30' 30'' - 8^{\circ} 25' 33'' \rightarrow$$


$$11^{\circ} 21' 39'' - 6^{\circ} 49' 20'' \rightarrow$$


$$15^{\circ} 27' 30'' - 5^{\circ} 16' 42'' \rightarrow$$


$$13^{\circ} 52' 32'' - 5^{\circ} 40' 21'' \rightarrow$$

-		
<b>8°</b>	<b>12'</b>	<b>11''</b>

$$14^{\circ} 50' 51'' - 7^{\circ} 22' 59'' \rightarrow$$

-		
<b>7°</b>	<b>27'</b>	<b>52''</b>

$$15^{\circ} 17' 31'' - 4^{\circ} 38' 37'' \rightarrow$$

-		
<b>10°</b>	<b>38'</b>	<b>54''</b>

$$14^{\circ} 53' 27'' - 3^{\circ} 57' 30'' \rightarrow$$

-		
<b>10°</b>	<b>55'</b>	<b>57''</b>

$$12^{\circ} 30' 30'' - 8^{\circ} 25' 33'' \rightarrow$$

-		
<b>4°</b>	<b>4'</b>	<b>57''</b>

$$11^{\circ} 21' 39'' - 6^{\circ} 49' 20'' \rightarrow$$

-		
<b>4°</b>	<b>32'</b>	<b>19''</b>

$$15^{\circ} 27' 30'' - 5^{\circ} 16' 42'' \rightarrow$$

-		
<b>10°</b>	<b>10'</b>	<b>48''</b>

$$13^{\circ} 40' 37'' - 3^{\circ} 50' 27'' \rightarrow$$


$$10^{\circ} 31' 56'' - 6^{\circ} 38' 38'' \rightarrow$$


$$12^{\circ} 24' 16'' - 8^{\circ} 41' 35'' \rightarrow$$


$$17^{\circ} 22' 34'' - 4^{\circ} 15' 39'' \rightarrow$$


$$10^{\circ} 57' 54'' - 3^{\circ} 45' 49'' \rightarrow$$


$$15^{\circ} 31' 52'' - 3^{\circ} 44' 36'' \rightarrow$$


$$16^{\circ} 58' 21'' - 5^{\circ} 54' 54'' \rightarrow$$




$$13^{\circ} 40' 37'' - 3^{\circ} 50' 27'' \rightarrow$$

-		
<b>9°</b>	<b>50'</b>	<b>10''</b>

$$10^{\circ} 31' 56'' - 6^{\circ} 38' 38'' \rightarrow$$

-		
<b>3°</b>	<b>53'</b>	<b>18''</b>

$$12^{\circ} 24' 16'' - 8^{\circ} 41' 35'' \rightarrow$$

-		
<b>3°</b>	<b>42'</b>	<b>41''</b>

$$17^{\circ} 22' 34'' - 4^{\circ} 15' 39'' \rightarrow$$

-		
<b>13°</b>	<b>6'</b>	<b>55''</b>

$$10^{\circ} 57' 54'' - 3^{\circ} 45' 49'' \rightarrow$$

-		
<b>7°</b>	<b>12'</b>	<b>5''</b>

$$15^{\circ} 31' 52'' - 3^{\circ} 44' 36'' \rightarrow$$

-		
<b>11°</b>	<b>47'</b>	<b>16''</b>

$$16^{\circ} 58' 21'' - 5^{\circ} 54' 54'' \rightarrow$$

-		
<b>11°</b>	<b>3'</b>	<b>27''</b>

$$(6^{\circ} 58' 34'') \times 8 \rightarrow \begin{array}{|c|c|c|} \hline 6^{\circ} & 58' & 34'' \\ \hline & \times & 8 \\ \hline 48^{\circ} & 464' & 272'' \\ \hline \end{array} \rightarrow \begin{array}{|c|} \hline 48^{\circ} \\ \hline 464' \\ \hline 272'' \\ \hline \end{array} = \begin{array}{|c|c|c|} \hline 48^{\circ} & & \\ \hline 7^{\circ} & 44' & \\ \hline & 4' & 32'' \\ \hline 55^{\circ} & 48' & 32'' \\ \hline \end{array}$$

$$(9^{\circ} 28' 49'') \times 3 \rightarrow \begin{array}{|c|c|c|} \hline & & \\ \hline & \times & \\ \hline & & \\ \hline \end{array} \rightarrow \begin{array}{|c|} \hline \\ \hline \\ \hline \\ \hline \end{array} = \begin{array}{|c|c|c|} \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline \end{array}$$

$$(8^{\circ} 40' 25'') \times 6 \rightarrow \begin{array}{|c|c|c|} \hline & & \\ \hline & \times & \\ \hline & & \\ \hline \end{array} \rightarrow \begin{array}{|c|} \hline \\ \hline \\ \hline \\ \hline \end{array} = \begin{array}{|c|c|c|} \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline \end{array}$$

$$(4^{\circ} 33' 47'') \times 8 \rightarrow \begin{array}{|c|c|c|} \hline & & \\ \hline & \times & \\ \hline & & \\ \hline \end{array} \rightarrow \begin{array}{|c|} \hline \\ \hline \\ \hline \\ \hline \end{array} = \begin{array}{|c|c|c|} \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline \end{array}$$

$$(9^{\circ} 49' 15'') \times 2 \rightarrow \begin{array}{|c|c|c|} \hline & & \\ \hline & \times & \\ \hline & & \\ \hline \end{array} \rightarrow \begin{array}{|c|} \hline \\ \hline \\ \hline \\ \hline \end{array} = \begin{array}{|c|c|c|} \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline \end{array}$$

$$(6^{\circ} 22' 31'') \times 7 \rightarrow \begin{array}{|c|c|c|} \hline & & \\ \hline & \times & \\ \hline & & \\ \hline \end{array} \rightarrow \begin{array}{|c|} \hline \\ \hline \\ \hline \\ \hline \end{array} = \begin{array}{|c|c|c|} \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline \end{array}$$

$$(7^{\circ} 52' 39'') \times 4 \rightarrow \begin{array}{|c|c|c|} \hline & & \\ \hline & \times & \\ \hline & & \\ \hline \end{array} \rightarrow \begin{array}{|c|} \hline \\ \hline \\ \hline \\ \hline \end{array} = \begin{array}{|c|c|c|} \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline \end{array}$$

$$(6^{\circ} 58' 34'') \times 8 \rightarrow \begin{array}{|c|c|c|} \hline 6^{\circ} & 58' & 34'' \\ \hline & \times & 8 \\ \hline 48^{\circ} & 464' & 272'' \\ \hline \end{array} \rightarrow \begin{array}{|c|} \hline 48^{\circ} = 48^{\circ} \\ \hline 464' = 7^{\circ} 44' \\ \hline 272'' = 4' 32'' \\ \hline \mathbf{55^{\circ} 48' 32''} \\ \hline \end{array}$$

$$(9^{\circ} 28' 49'') \times 3 \rightarrow \begin{array}{|c|c|c|} \hline 9^{\circ} & 28' & 49'' \\ \hline & \times & 3 \\ \hline 27^{\circ} & 84' & 147'' \\ \hline \end{array} \rightarrow \begin{array}{|c|} \hline 27^{\circ} = 27^{\circ} \\ \hline 84' = 1^{\circ} 24' \\ \hline 147'' = 2' 27'' \\ \hline \mathbf{28^{\circ} 26' 27''} \\ \hline \end{array}$$

$$(8^{\circ} 40' 25'') \times 6 \rightarrow \begin{array}{|c|c|c|} \hline 8^{\circ} & 40' & 25'' \\ \hline & \times & 6 \\ \hline 48^{\circ} & 240' & 150'' \\ \hline \end{array} \rightarrow \begin{array}{|c|} \hline 48^{\circ} = 48^{\circ} \\ \hline 240' = 4^{\circ} 0' \\ \hline 150'' = 2' 30'' \\ \hline \mathbf{52^{\circ} 2' 30''} \\ \hline \end{array}$$

$$(4^{\circ} 33' 47'') \times 8 \rightarrow \begin{array}{|c|c|c|} \hline 4^{\circ} & 33' & 47'' \\ \hline & \times & 8 \\ \hline 32^{\circ} & 264' & 376'' \\ \hline \end{array} \rightarrow \begin{array}{|c|} \hline 32^{\circ} = 32^{\circ} \\ \hline 264' = 4^{\circ} 24' \\ \hline 376'' = 6' 16'' \\ \hline \mathbf{36^{\circ} 30' 16''} \\ \hline \end{array}$$

$$(9^{\circ} 49' 15'') \times 2 \rightarrow \begin{array}{|c|c|c|} \hline 9^{\circ} & 49' & 15'' \\ \hline & \times & 2 \\ \hline 18^{\circ} & 98' & 30'' \\ \hline \end{array} \rightarrow \begin{array}{|c|} \hline 18^{\circ} = 18^{\circ} \\ \hline 98' = 1^{\circ} 38' \\ \hline 30'' = 0' 30'' \\ \hline \mathbf{19^{\circ} 38' 30''} \\ \hline \end{array}$$

$$(6^{\circ} 22' 31'') \times 7 \rightarrow \begin{array}{|c|c|c|} \hline 6^{\circ} & 22' & 31'' \\ \hline & \times & 7 \\ \hline 42^{\circ} & 154' & 217'' \\ \hline \end{array} \rightarrow \begin{array}{|c|} \hline 42^{\circ} = 42^{\circ} \\ \hline 154' = 2^{\circ} 34' \\ \hline 217'' = 3' 37'' \\ \hline \mathbf{44^{\circ} 37' 37''} \\ \hline \end{array}$$

$$(7^{\circ} 52' 39'') \times 4 \rightarrow \begin{array}{|c|c|c|} \hline 7^{\circ} & 52' & 39'' \\ \hline & \times & 4 \\ \hline 28^{\circ} & 208' & 156'' \\ \hline \end{array} \rightarrow \begin{array}{|c|} \hline 28^{\circ} = 28^{\circ} \\ \hline 208' = 3^{\circ} 28' \\ \hline 156'' = 2' 36'' \\ \hline \mathbf{31^{\circ} 30' 36''} \\ \hline \end{array}$$

$$(8^\circ 42' 39'') \times 6 \rightarrow \begin{array}{|c|c|c|} \hline 8^\circ & 42' & 39'' \\ \hline & \times & 6 \\ \hline 48^\circ & 252' & 234'' \\ \hline \end{array} \rightarrow \begin{array}{|c|} \hline 48^\circ \\ \hline 252' \\ \hline 234'' \\ \hline \end{array} = \begin{array}{|c|c|c|} \hline 48^\circ & & \\ \hline 4^\circ & 12' & \\ \hline & 3' & 54'' \\ \hline 52^\circ & 15' & 54'' \\ \hline \end{array}$$

$$(4^\circ 22' 22'') \times 8 \rightarrow \begin{array}{|c|c|c|} \hline & & \\ \hline & \times & \\ \hline & & \\ \hline \end{array} \rightarrow \begin{array}{|c|} \hline \\ \hline \\ \hline \\ \hline \end{array} = \begin{array}{|c|c|c|} \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline \end{array}$$

$$(3^\circ 35' 18'') \times 5 \rightarrow \begin{array}{|c|c|c|} \hline & & \\ \hline & \times & \\ \hline & & \\ \hline \end{array} \rightarrow \begin{array}{|c|} \hline \\ \hline \\ \hline \\ \hline \end{array} = \begin{array}{|c|c|c|} \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline \end{array}$$

$$(8^\circ 51' 45'') \times 2 \rightarrow \begin{array}{|c|c|c|} \hline & & \\ \hline & \times & \\ \hline & & \\ \hline \end{array} \rightarrow \begin{array}{|c|} \hline \\ \hline \\ \hline \\ \hline \end{array} = \begin{array}{|c|c|c|} \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline \end{array}$$

$$(7^\circ 51' 20'') \times 7 \rightarrow \begin{array}{|c|c|c|} \hline & & \\ \hline & \times & \\ \hline & & \\ \hline \end{array} \rightarrow \begin{array}{|c|} \hline \\ \hline \\ \hline \\ \hline \end{array} = \begin{array}{|c|c|c|} \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline \end{array}$$

$$(4^\circ 54' 37'') \times 6 \rightarrow \begin{array}{|c|c|c|} \hline & & \\ \hline & \times & \\ \hline & & \\ \hline \end{array} \rightarrow \begin{array}{|c|} \hline \\ \hline \\ \hline \\ \hline \end{array} = \begin{array}{|c|c|c|} \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline \end{array}$$

$$(6^\circ 19' 37'') \times 3 \rightarrow \begin{array}{|c|c|c|} \hline & & \\ \hline & \times & \\ \hline & & \\ \hline \end{array} \rightarrow \begin{array}{|c|} \hline \\ \hline \\ \hline \\ \hline \end{array} = \begin{array}{|c|c|c|} \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline \end{array}$$

$$(8^\circ 42' 39'') \times 6 \rightarrow \begin{array}{|c|c|c|} \hline 8^\circ & 42' & 39'' \\ \hline & \times & 6 \\ \hline 48^\circ & 252' & 234'' \\ \hline \end{array} \rightarrow \begin{array}{|c|c|c|} \hline 48^\circ & = & 48^\circ \\ \hline 252' & = & 4^\circ 12' \\ \hline 234'' & = & 3' 54'' \\ \hline \mathbf{52^\circ} & \mathbf{15'} & \mathbf{54''} \\ \hline \end{array}$$

$$(4^\circ 22' 22'') \times 8 \rightarrow \begin{array}{|c|c|c|} \hline 4^\circ & 22' & 22'' \\ \hline & \times & 8 \\ \hline 32^\circ & 176' & 176'' \\ \hline \end{array} \rightarrow \begin{array}{|c|c|c|} \hline 32^\circ & = & 32^\circ \\ \hline 176' & = & 2^\circ 56' \\ \hline 176'' & = & 2' 56'' \\ \hline \mathbf{34^\circ} & \mathbf{58'} & \mathbf{56''} \\ \hline \end{array}$$

$$(3^\circ 35' 18'') \times 5 \rightarrow \begin{array}{|c|c|c|} \hline 3^\circ & 35' & 18'' \\ \hline & \times & 5 \\ \hline 15^\circ & 175' & 90'' \\ \hline \end{array} \rightarrow \begin{array}{|c|c|c|} \hline 15^\circ & = & 15^\circ \\ \hline 175' & = & 2^\circ 55' \\ \hline 90'' & = & 1' 30'' \\ \hline \mathbf{17^\circ} & \mathbf{56'} & \mathbf{30''} \\ \hline \end{array}$$

$$(8^\circ 51' 45'') \times 2 \rightarrow \begin{array}{|c|c|c|} \hline 8^\circ & 51' & 45'' \\ \hline & \times & 2 \\ \hline 16^\circ & 102' & 90'' \\ \hline \end{array} \rightarrow \begin{array}{|c|c|c|} \hline 16^\circ & = & 16^\circ \\ \hline 102' & = & 1^\circ 42' \\ \hline 90'' & = & 1' 30'' \\ \hline \mathbf{17^\circ} & \mathbf{43'} & \mathbf{30''} \\ \hline \end{array}$$

$$(7^\circ 51' 20'') \times 7 \rightarrow \begin{array}{|c|c|c|} \hline 7^\circ & 51' & 20'' \\ \hline & \times & 7 \\ \hline 49^\circ & 357' & 140'' \\ \hline \end{array} \rightarrow \begin{array}{|c|c|c|} \hline 49^\circ & = & 49^\circ \\ \hline 357' & = & 5^\circ 57' \\ \hline 140'' & = & 2' 20'' \\ \hline \mathbf{54^\circ} & \mathbf{59'} & \mathbf{20''} \\ \hline \end{array}$$

$$(4^\circ 54' 37'') \times 6 \rightarrow \begin{array}{|c|c|c|} \hline 4^\circ & 54' & 37'' \\ \hline & \times & 6 \\ \hline 24^\circ & 324' & 222'' \\ \hline \end{array} \rightarrow \begin{array}{|c|c|c|} \hline 24^\circ & = & 24^\circ \\ \hline 324' & = & 5^\circ 24' \\ \hline 222'' & = & 3' 42'' \\ \hline \mathbf{29^\circ} & \mathbf{27'} & \mathbf{42''} \\ \hline \end{array}$$

$$(6^\circ 19' 37'') \times 3 \rightarrow \begin{array}{|c|c|c|} \hline 6^\circ & 19' & 37'' \\ \hline & \times & 3 \\ \hline 18^\circ & 57' & 111'' \\ \hline \end{array} \rightarrow \begin{array}{|c|c|c|} \hline 18^\circ & = & 18^\circ \\ \hline 57' & = & 0^\circ 57' \\ \hline 111'' & = & 1' 51'' \\ \hline \mathbf{18^\circ} & \mathbf{58'} & \mathbf{51''} \\ \hline \end{array}$$

$$(4^\circ 47' 40'') \times 4 \rightarrow \begin{array}{|c|c|c|} \hline 4^\circ & 47' & 40'' \\ \hline & \times & 4 \\ \hline 16^\circ & 188' & 160'' \\ \hline \end{array} \rightarrow \begin{array}{|c|} \hline 16^\circ \\ \hline 188' \\ \hline 160'' \\ \hline \end{array} = \begin{array}{|c|c|c|} \hline 16^\circ & & \\ \hline 3^\circ & 8' & \\ \hline & 2' & 40'' \\ \hline 19^\circ & 10' & 40'' \\ \hline \end{array}$$

$$(9^\circ 47' 44'') \times 4 \rightarrow \begin{array}{|c|c|c|} \hline & & \\ \hline & \times & \\ \hline & & \\ \hline \end{array} \rightarrow \begin{array}{|c|} \hline \\ \hline \\ \hline \\ \hline \end{array} = \begin{array}{|c|c|c|} \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline \end{array}$$

$$(9^\circ 40' 28'') \times 8 \rightarrow \begin{array}{|c|c|c|} \hline & & \\ \hline & \times & \\ \hline & & \\ \hline \end{array} \rightarrow \begin{array}{|c|} \hline \\ \hline \\ \hline \\ \hline \end{array} = \begin{array}{|c|c|c|} \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline \end{array}$$

$$(3^\circ 18' 50'') \times 8 \rightarrow \begin{array}{|c|c|c|} \hline & & \\ \hline & \times & \\ \hline & & \\ \hline \end{array} \rightarrow \begin{array}{|c|} \hline \\ \hline \\ \hline \\ \hline \end{array} = \begin{array}{|c|c|c|} \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline \end{array}$$

$$(9^\circ 59' 45'') \times 6 \rightarrow \begin{array}{|c|c|c|} \hline & & \\ \hline & \times & \\ \hline & & \\ \hline \end{array} \rightarrow \begin{array}{|c|} \hline \\ \hline \\ \hline \\ \hline \end{array} = \begin{array}{|c|c|c|} \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline \end{array}$$

$$(9^\circ 53' 16'') \times 2 \rightarrow \begin{array}{|c|c|c|} \hline & & \\ \hline & \times & \\ \hline & & \\ \hline \end{array} \rightarrow \begin{array}{|c|} \hline \\ \hline \\ \hline \\ \hline \end{array} = \begin{array}{|c|c|c|} \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline \end{array}$$

$$(7^\circ 31' 52'') \times 8 \rightarrow \begin{array}{|c|c|c|} \hline & & \\ \hline & \times & \\ \hline & & \\ \hline \end{array} \rightarrow \begin{array}{|c|} \hline \\ \hline \\ \hline \\ \hline \end{array} = \begin{array}{|c|c|c|} \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline \end{array}$$

$$(4^{\circ} 47' 40'') \times 4 \rightarrow \begin{array}{|c|c|c|} \hline 4^{\circ} & 47' & 40'' \\ \hline & \times & 4 \\ \hline 16^{\circ} & 188' & 160'' \\ \hline \end{array} \rightarrow \begin{array}{|c|c|c|} \hline 16^{\circ} & = & 16^{\circ} \\ \hline 188' & = & 3^{\circ} \quad 8' \\ \hline 160'' & = & \quad \quad 2' \quad 40'' \\ \hline \mathbf{19^{\circ} \quad 10' \quad 40''} \\ \hline \end{array}$$

$$(9^{\circ} 47' 44'') \times 4 \rightarrow \begin{array}{|c|c|c|} \hline 9^{\circ} & 47' & 44'' \\ \hline & \times & 4 \\ \hline 36^{\circ} & 188' & 176'' \\ \hline \end{array} \rightarrow \begin{array}{|c|c|c|} \hline 36^{\circ} & = & 36^{\circ} \\ \hline 188' & = & 3^{\circ} \quad 8' \\ \hline 176'' & = & \quad \quad 2' \quad 56'' \\ \hline \mathbf{39^{\circ} \quad 10' \quad 56''} \\ \hline \end{array}$$

$$(9^{\circ} 40' 28'') \times 8 \rightarrow \begin{array}{|c|c|c|} \hline 9^{\circ} & 40' & 28'' \\ \hline & \times & 8 \\ \hline 72^{\circ} & 320' & 224'' \\ \hline \end{array} \rightarrow \begin{array}{|c|c|c|} \hline 72^{\circ} & = & 72^{\circ} \\ \hline 320' & = & 5^{\circ} \quad 20' \\ \hline 224'' & = & \quad \quad 3' \quad 44'' \\ \hline \mathbf{77^{\circ} \quad 23' \quad 44''} \\ \hline \end{array}$$

$$(3^{\circ} 18' 50'') \times 8 \rightarrow \begin{array}{|c|c|c|} \hline 3^{\circ} & 18' & 50'' \\ \hline & \times & 8 \\ \hline 24^{\circ} & 144' & 400'' \\ \hline \end{array} \rightarrow \begin{array}{|c|c|c|} \hline 24^{\circ} & = & 24^{\circ} \\ \hline 144' & = & 2^{\circ} \quad 24' \\ \hline 400'' & = & \quad \quad 6' \quad 40'' \\ \hline \mathbf{26^{\circ} \quad 30' \quad 40''} \\ \hline \end{array}$$

$$(9^{\circ} 59' 45'') \times 6 \rightarrow \begin{array}{|c|c|c|} \hline 9^{\circ} & 59' & 45'' \\ \hline & \times & 6 \\ \hline 54^{\circ} & 354' & 270'' \\ \hline \end{array} \rightarrow \begin{array}{|c|c|c|} \hline 54^{\circ} & = & 54^{\circ} \\ \hline 354' & = & 5^{\circ} \quad 54' \\ \hline 270'' & = & \quad \quad 4' \quad 30'' \\ \hline \mathbf{59^{\circ} \quad 58' \quad 30''} \\ \hline \end{array}$$

$$(9^{\circ} 53' 16'') \times 2 \rightarrow \begin{array}{|c|c|c|} \hline 9^{\circ} & 53' & 16'' \\ \hline & \times & 2 \\ \hline 18^{\circ} & 106' & 32'' \\ \hline \end{array} \rightarrow \begin{array}{|c|c|c|} \hline 18^{\circ} & = & 18^{\circ} \\ \hline 106' & = & 1^{\circ} \quad 46' \\ \hline 32'' & = & \quad \quad 0' \quad 32'' \\ \hline \mathbf{19^{\circ} \quad 46' \quad 32''} \\ \hline \end{array}$$

$$(7^{\circ} 31' 52'') \times 8 \rightarrow \begin{array}{|c|c|c|} \hline 7^{\circ} & 31' & 52'' \\ \hline & \times & 8 \\ \hline 56^{\circ} & 248' & 416'' \\ \hline \end{array} \rightarrow \begin{array}{|c|c|c|} \hline 56^{\circ} & = & 56^{\circ} \\ \hline 248' & = & 4^{\circ} \quad 8' \\ \hline 416'' & = & \quad \quad 6' \quad 56'' \\ \hline \mathbf{60^{\circ} \quad 14' \quad 56''} \\ \hline \end{array}$$

$$(5^\circ 56' 59'') \times 3 \rightarrow \begin{array}{|c|c|c|} \hline 5^\circ & 56' & 59'' \\ \hline & \times & 3 \\ \hline 15^\circ & 168' & 177'' \\ \hline \end{array} \rightarrow \begin{array}{|c|} \hline 15^\circ \\ \hline 168' \\ \hline 177'' \\ \hline \end{array} = \begin{array}{|c|c|c|} \hline 15^\circ & & \\ \hline 2^\circ & 48' & \\ \hline & 2' & 57'' \\ \hline 17^\circ & 50' & 57'' \\ \hline \end{array}$$

$$(9^\circ 36' 38'') \times 5 \rightarrow \begin{array}{|c|c|c|} \hline & & \\ \hline & \times & \\ \hline & & \\ \hline \end{array} \rightarrow \begin{array}{|c|} \hline \\ \hline \\ \hline \\ \hline \end{array} = \begin{array}{|c|c|c|} \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline \end{array}$$

$$(9^\circ 35' 23'') \times 6 \rightarrow \begin{array}{|c|c|c|} \hline & & \\ \hline & \times & \\ \hline & & \\ \hline \end{array} \rightarrow \begin{array}{|c|} \hline \\ \hline \\ \hline \\ \hline \end{array} = \begin{array}{|c|c|c|} \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline \end{array}$$

$$(9^\circ 40' 22'') \times 5 \rightarrow \begin{array}{|c|c|c|} \hline & & \\ \hline & \times & \\ \hline & & \\ \hline \end{array} \rightarrow \begin{array}{|c|} \hline \\ \hline \\ \hline \\ \hline \end{array} = \begin{array}{|c|c|c|} \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline \end{array}$$

$$(8^\circ 46' 31'') \times 7 \rightarrow \begin{array}{|c|c|c|} \hline & & \\ \hline & \times & \\ \hline & & \\ \hline \end{array} \rightarrow \begin{array}{|c|} \hline \\ \hline \\ \hline \\ \hline \end{array} = \begin{array}{|c|c|c|} \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline \end{array}$$

$$(4^\circ 28' 37'') \times 3 \rightarrow \begin{array}{|c|c|c|} \hline & & \\ \hline & \times & \\ \hline & & \\ \hline \end{array} \rightarrow \begin{array}{|c|} \hline \\ \hline \\ \hline \\ \hline \end{array} = \begin{array}{|c|c|c|} \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline \end{array}$$

$$(8^\circ 52' 57'') \times 5 \rightarrow \begin{array}{|c|c|c|} \hline & & \\ \hline & \times & \\ \hline & & \\ \hline \end{array} \rightarrow \begin{array}{|c|} \hline \\ \hline \\ \hline \\ \hline \end{array} = \begin{array}{|c|c|c|} \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline \end{array}$$



$$(5^{\circ} 56' 59'') \times 3 \rightarrow \begin{array}{|c|c|c|} \hline 5^{\circ} & 56' & 59'' \\ \hline & \times & 3 \\ \hline 15^{\circ} & 168' & 177'' \\ \hline \end{array} \rightarrow \begin{array}{|c|c|c|} \hline 15^{\circ} & = & 15^{\circ} \\ \hline 168' & = & 2^{\circ} \quad 48' \\ \hline 177'' & = & \quad \quad 2' \quad 57'' \\ \hline \mathbf{17^{\circ} \quad 50' \quad 57''} \\ \hline \end{array}$$

$$(9^{\circ} 36' 38'') \times 5 \rightarrow \begin{array}{|c|c|c|} \hline 9^{\circ} & 36' & 38'' \\ \hline & \times & 5 \\ \hline 45^{\circ} & 180' & 190'' \\ \hline \end{array} \rightarrow \begin{array}{|c|c|c|} \hline 45^{\circ} & = & 45^{\circ} \\ \hline 180' & = & 3^{\circ} \quad 0' \\ \hline 190'' & = & \quad \quad 3' \quad 10'' \\ \hline \mathbf{48^{\circ} \quad 3' \quad 10''} \\ \hline \end{array}$$

$$(9^{\circ} 35' 23'') \times 6 \rightarrow \begin{array}{|c|c|c|} \hline 9^{\circ} & 35' & 23'' \\ \hline & \times & 6 \\ \hline 54^{\circ} & 210' & 138'' \\ \hline \end{array} \rightarrow \begin{array}{|c|c|c|} \hline 54^{\circ} & = & 54^{\circ} \\ \hline 210' & = & 3^{\circ} \quad 30' \\ \hline 138'' & = & \quad \quad 2' \quad 18'' \\ \hline \mathbf{57^{\circ} \quad 32' \quad 18''} \\ \hline \end{array}$$

$$(9^{\circ} 40' 22'') \times 5 \rightarrow \begin{array}{|c|c|c|} \hline 9^{\circ} & 40' & 22'' \\ \hline & \times & 5 \\ \hline 45^{\circ} & 200' & 110'' \\ \hline \end{array} \rightarrow \begin{array}{|c|c|c|} \hline 45^{\circ} & = & 45^{\circ} \\ \hline 200' & = & 3^{\circ} \quad 20' \\ \hline 110'' & = & \quad \quad 1' \quad 50'' \\ \hline \mathbf{48^{\circ} \quad 21' \quad 50''} \\ \hline \end{array}$$

$$(8^{\circ} 46' 31'') \times 7 \rightarrow \begin{array}{|c|c|c|} \hline 8^{\circ} & 46' & 31'' \\ \hline & \times & 7 \\ \hline 56^{\circ} & 322' & 217'' \\ \hline \end{array} \rightarrow \begin{array}{|c|c|c|} \hline 56^{\circ} & = & 56^{\circ} \\ \hline 322' & = & 5^{\circ} \quad 22' \\ \hline 217'' & = & \quad \quad 3' \quad 37'' \\ \hline \mathbf{61^{\circ} \quad 25' \quad 37''} \\ \hline \end{array}$$

$$(4^{\circ} 28' 37'') \times 3 \rightarrow \begin{array}{|c|c|c|} \hline 4^{\circ} & 28' & 37'' \\ \hline & \times & 3 \\ \hline 12^{\circ} & 84' & 111'' \\ \hline \end{array} \rightarrow \begin{array}{|c|c|c|} \hline 12^{\circ} & = & 12^{\circ} \\ \hline 84' & = & 1^{\circ} \quad 24' \\ \hline 111'' & = & \quad \quad 1' \quad 51'' \\ \hline \mathbf{13^{\circ} \quad 25' \quad 51''} \\ \hline \end{array}$$

$$(8^{\circ} 52' 57'') \times 5 \rightarrow \begin{array}{|c|c|c|} \hline 8^{\circ} & 52' & 57'' \\ \hline & \times & 5 \\ \hline 40^{\circ} & 260' & 285'' \\ \hline \end{array} \rightarrow \begin{array}{|c|c|c|} \hline 40^{\circ} & = & 40^{\circ} \\ \hline 260' & = & 4^{\circ} \quad 20' \\ \hline 285'' & = & \quad \quad 4' \quad 45'' \\ \hline \mathbf{44^{\circ} \quad 24' \quad 45''} \\ \hline \end{array}$$

$$(3^\circ 24' 52'') \times 7 \rightarrow \begin{array}{|c|c|c|} \hline 3^\circ & 24' & 52'' \\ \hline & \times & 7 \\ \hline 21^\circ & 168' & 364'' \\ \hline \end{array} \rightarrow \begin{array}{|c|} \hline 21^\circ \\ \hline 168' \\ \hline 364'' \\ \hline \end{array} = \begin{array}{|c|c|c|} \hline 21^\circ & & \\ \hline 2^\circ & 48' & \\ \hline & 6' & 4'' \\ \hline 23^\circ & 54' & 4'' \\ \hline \end{array}$$

$$(4^\circ 44' 24'') \times 4 \rightarrow \begin{array}{|c|c|c|} \hline & & \\ \hline & \times & \\ \hline & & \\ \hline \end{array} \rightarrow \begin{array}{|c|} \hline \\ \hline \\ \hline \\ \hline \end{array} = \begin{array}{|c|c|c|} \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline \end{array}$$

$$(5^\circ 55' 49'') \times 8 \rightarrow \begin{array}{|c|c|c|} \hline & & \\ \hline & \times & \\ \hline & & \\ \hline \end{array} \rightarrow \begin{array}{|c|} \hline \\ \hline \\ \hline \\ \hline \end{array} = \begin{array}{|c|c|c|} \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline \end{array}$$

$$(6^\circ 35' 31'') \times 8 \rightarrow \begin{array}{|c|c|c|} \hline & & \\ \hline & \times & \\ \hline & & \\ \hline \end{array} \rightarrow \begin{array}{|c|} \hline \\ \hline \\ \hline \\ \hline \end{array} = \begin{array}{|c|c|c|} \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline \end{array}$$

$$(5^\circ 35' 32'') \times 2 \rightarrow \begin{array}{|c|c|c|} \hline & & \\ \hline & \times & \\ \hline & & \\ \hline \end{array} \rightarrow \begin{array}{|c|} \hline \\ \hline \\ \hline \\ \hline \end{array} = \begin{array}{|c|c|c|} \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline \end{array}$$

$$(7^\circ 48' 51'') \times 5 \rightarrow \begin{array}{|c|c|c|} \hline & & \\ \hline & \times & \\ \hline & & \\ \hline \end{array} \rightarrow \begin{array}{|c|} \hline \\ \hline \\ \hline \\ \hline \end{array} = \begin{array}{|c|c|c|} \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline \end{array}$$

$$(3^\circ 44' 27'') \times 2 \rightarrow \begin{array}{|c|c|c|} \hline & & \\ \hline & \times & \\ \hline & & \\ \hline \end{array} \rightarrow \begin{array}{|c|} \hline \\ \hline \\ \hline \\ \hline \end{array} = \begin{array}{|c|c|c|} \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline \end{array}$$

$$(3^\circ 24' 52'') \times 7 \rightarrow \begin{array}{|c|c|c|} \hline 3^\circ & 24' & 52'' \\ \hline & \times & 7 \\ \hline 21^\circ & 168' & 364'' \\ \hline \end{array} \rightarrow \begin{array}{|c|} \hline 21^\circ \\ \hline 168' \\ \hline 364'' \\ \hline \end{array} = \begin{array}{|c|c|c|} \hline 21^\circ & & \\ \hline 2^\circ & 48' & \\ \hline & 6' & 4'' \\ \hline \mathbf{23^\circ} & \mathbf{54'} & \mathbf{4''} \\ \hline \end{array}$$

$$(4^\circ 44' 24'') \times 4 \rightarrow \begin{array}{|c|c|c|} \hline 4^\circ & 44' & 24'' \\ \hline & \times & 4 \\ \hline 16^\circ & 176' & 96'' \\ \hline \end{array} \rightarrow \begin{array}{|c|} \hline 16^\circ \\ \hline 176' \\ \hline 96'' \\ \hline \end{array} = \begin{array}{|c|c|c|} \hline 16^\circ & & \\ \hline 2^\circ & 56' & \\ \hline & 1' & 36'' \\ \hline \mathbf{18^\circ} & \mathbf{57'} & \mathbf{36''} \\ \hline \end{array}$$

$$(5^\circ 55' 49'') \times 8 \rightarrow \begin{array}{|c|c|c|} \hline 5^\circ & 55' & 49'' \\ \hline & \times & 8 \\ \hline 40^\circ & 440' & 392'' \\ \hline \end{array} \rightarrow \begin{array}{|c|} \hline 40^\circ \\ \hline 440' \\ \hline 392'' \\ \hline \end{array} = \begin{array}{|c|c|c|} \hline 40^\circ & & \\ \hline 7^\circ & 20' & \\ \hline & 6' & 32'' \\ \hline \mathbf{47^\circ} & \mathbf{26'} & \mathbf{32''} \\ \hline \end{array}$$

$$(6^\circ 35' 31'') \times 8 \rightarrow \begin{array}{|c|c|c|} \hline 6^\circ & 35' & 31'' \\ \hline & \times & 8 \\ \hline 48^\circ & 280' & 248'' \\ \hline \end{array} \rightarrow \begin{array}{|c|} \hline 48^\circ \\ \hline 280' \\ \hline 248'' \\ \hline \end{array} = \begin{array}{|c|c|c|} \hline 48^\circ & & \\ \hline 4^\circ & 40' & \\ \hline & 4' & 8'' \\ \hline \mathbf{52^\circ} & \mathbf{44'} & \mathbf{8''} \\ \hline \end{array}$$

$$(5^\circ 35' 32'') \times 2 \rightarrow \begin{array}{|c|c|c|} \hline 5^\circ & 35' & 32'' \\ \hline & \times & 2 \\ \hline 10^\circ & 70' & 64'' \\ \hline \end{array} \rightarrow \begin{array}{|c|} \hline 10^\circ \\ \hline 70' \\ \hline 64'' \\ \hline \end{array} = \begin{array}{|c|c|c|} \hline 10^\circ & & \\ \hline 1^\circ & 10' & \\ \hline & 1' & 4'' \\ \hline \mathbf{11^\circ} & \mathbf{11'} & \mathbf{4''} \\ \hline \end{array}$$

$$(7^\circ 48' 51'') \times 5 \rightarrow \begin{array}{|c|c|c|} \hline 7^\circ & 48' & 51'' \\ \hline & \times & 5 \\ \hline 35^\circ & 240' & 255'' \\ \hline \end{array} \rightarrow \begin{array}{|c|} \hline 35^\circ \\ \hline 240' \\ \hline 255'' \\ \hline \end{array} = \begin{array}{|c|c|c|} \hline 35^\circ & & \\ \hline 4^\circ & 0' & \\ \hline & 4' & 15'' \\ \hline \mathbf{39^\circ} & \mathbf{4'} & \mathbf{15''} \\ \hline \end{array}$$

$$(3^\circ 44' 27'') \times 2 \rightarrow \begin{array}{|c|c|c|} \hline 3^\circ & 44' & 27'' \\ \hline & \times & 2 \\ \hline 6^\circ & 88' & 54'' \\ \hline \end{array} \rightarrow \begin{array}{|c|} \hline 6^\circ \\ \hline 88' \\ \hline 54'' \\ \hline \end{array} = \begin{array}{|c|c|c|} \hline 6^\circ & & \\ \hline 1^\circ & 28' & \\ \hline & 0' & 54'' \\ \hline \mathbf{7^\circ} & \mathbf{28'} & \mathbf{54''} \\ \hline \end{array}$$

$$\begin{array}{r}
 (19^\circ 41' 24'') : 4 \rightarrow 19^\circ \quad 41' \quad 24'' \quad \left| \begin{array}{l} 4 \\ \hline 4^\circ 55' 21'' \end{array} \right. \\
 \underline{- 16} \\
 3^\circ \times 60 = \underline{+ 180'} \\
 221' \\
 \underline{- 220'} \\
 1' \times 60 = \underline{+ 60''} \\
 84'' \\
 \underline{- 84''} \\
 0''
 \end{array}$$

$$\begin{array}{r}
 (19^\circ 17' 44'') : 7 \rightarrow 19^\circ \quad 17' \quad 44'' \quad \left| \begin{array}{l} 7 \\ \hline \end{array} \right. \\
 \underline{\quad} \\
 \underline{\quad} \\
 \underline{\quad} \\
 \underline{\quad} \\
 \underline{\quad} \\
 \underline{\quad}
 \end{array}$$

$$\begin{array}{r}
 (33^\circ 24' 32'') : 4 \rightarrow 33^\circ \quad 24' \quad 32'' \quad \left| \begin{array}{l} 4 \\ \hline \end{array} \right. \\
 \underline{\quad} \\
 \underline{\quad} \\
 \underline{\quad} \\
 \underline{\quad} \\
 \underline{\quad} \\
 \underline{\quad}
 \end{array}$$

$$\begin{array}{r}
 (16^\circ 19' 44'') : 2 \rightarrow 16^\circ \quad 19' \quad 44'' \quad \left| \begin{array}{l} 2 \\ \hline \end{array} \right. \\
 \underline{\quad} \\
 \underline{\quad} \\
 \underline{\quad} \\
 \underline{\quad} \\
 \underline{\quad} \\
 \underline{\quad}
 \end{array}$$

$$\begin{array}{r}
 (19^\circ 41' 24'') : 4 \rightarrow 19^\circ \quad 41' \quad 24'' \quad \left| \begin{array}{l} 4 \\ \hline 4^\circ 55' 21'' \end{array} \right. \\
 \underline{- 16} \\
 3^\circ \times 60 = \underline{+ 180'} \\
 221' \\
 \underline{- 220'} \\
 1' \times 60 = \underline{+ 60''} \\
 84'' \\
 \underline{- 84''} \\
 0''
 \end{array}$$

$$\begin{array}{r}
 (19^\circ 17' 44'') : 7 \rightarrow 19^\circ \quad 17' \quad 44'' \quad \left| \begin{array}{l} 7 \\ \hline 2^\circ 45' 23'' \end{array} \right. \\
 \underline{- 14} \\
 5^\circ \times 60 = \underline{+ 300'} \\
 317' \\
 \underline{- 315'} \\
 2' \times 60 = \underline{+ 120''} \\
 164'' \\
 \underline{- 161''} \\
 3''
 \end{array}$$

$$\begin{array}{r}
 (33^\circ 24' 32'') : 4 \rightarrow 33^\circ \quad 24' \quad 32'' \quad \left| \begin{array}{l} 4 \\ \hline 8^\circ 21' 8'' \end{array} \right. \\
 \underline{- 32} \\
 1^\circ \times 60 = \underline{+ 60'} \\
 84' \\
 \underline{- 84'} \\
 0' \times 60 = \underline{+ 0''} \\
 32'' \\
 \underline{- 32''} \\
 0''
 \end{array}$$

$$\begin{array}{r}
 (16^\circ 19' 44'') : 2 \rightarrow 16^\circ \quad 19' \quad 44'' \quad \left| \begin{array}{l} 2 \\ \hline 8^\circ 9' 52'' \end{array} \right. \\
 \underline{- 16} \\
 0^\circ \times 60 = \underline{+ 0'} \\
 19' \\
 \underline{- 18'} \\
 1' \times 60 = \underline{+ 60''} \\
 104'' \\
 \underline{- 104''} \\
 0''
 \end{array}$$

$$\begin{array}{r}
 (29^\circ 17' 54'') : 6 \rightarrow 29^\circ \quad 17' \quad 54'' \quad \left| \begin{array}{l} 6 \\ \hline 4^\circ 52' 59'' \end{array} \right. \\
 \underline{- 24} \\
 5^\circ \times 60 = \underline{+ 300'} \\
 317' \\
 \underline{- 312'} \\
 5' \times 60 = \underline{+ 300''} \\
 354'' \\
 \underline{- 354''} \\
 0''
 \end{array}$$

$$\begin{array}{r}
 (24^\circ 18' 23'') : 6 \rightarrow 24^\circ \quad 18' \quad 23'' \quad \left| \begin{array}{l} 6 \\ \hline \end{array} \right. \\
 \underline{\quad} \\
 \underline{\quad} \\
 \underline{\quad} \\
 \underline{\quad} \\
 \underline{\quad}
 \end{array}$$

$$\begin{array}{r}
 (17^\circ 40' 52'') : 5 \rightarrow 17^\circ \quad 40' \quad 52'' \quad \left| \begin{array}{l} 5 \\ \hline \end{array} \right. \\
 \underline{\quad} \\
 \underline{\quad} \\
 \underline{\quad} \\
 \underline{\quad} \\
 \underline{\quad}
 \end{array}$$

$$\begin{array}{r}
 (38^\circ 18' 53'') : 3 \rightarrow 38^\circ \quad 18' \quad 53'' \quad \left| \begin{array}{l} 3 \\ \hline \end{array} \right. \\
 \underline{\quad} \\
 \underline{\quad} \\
 \underline{\quad} \\
 \underline{\quad} \\
 \underline{\quad}
 \end{array}$$

$$\begin{array}{r}
 (29^\circ 17' 54'') : 6 \rightarrow 29^\circ \quad 17' \quad 54'' \quad \left| \begin{array}{l} 6 \\ \hline 4^\circ 52' 59'' \end{array} \right. \\
 \underline{- 24} \\
 5^\circ \times 60 = \underline{+ 300'} \\
 317' \\
 \underline{- 312'} \\
 5' \times 60 = \underline{+ 300''} \\
 354'' \\
 \underline{- 354''} \\
 0''
 \end{array}$$

$$\begin{array}{r}
 (24^\circ 18' 23'') : 6 \rightarrow 24^\circ \quad 18' \quad 23'' \quad \left| \begin{array}{l} 6 \\ \hline 4^\circ 3' 3'' \end{array} \right. \\
 \underline{- 24} \\
 0^\circ \times 60 = \underline{+ 0'} \\
 18' \\
 \underline{- 18'} \\
 0' \times 60 = \underline{+ 0''} \\
 23'' \\
 \underline{- 18''} \\
 5''
 \end{array}$$

$$\begin{array}{r}
 (17^\circ 40' 52'') : 5 \rightarrow 17^\circ \quad 40' \quad 52'' \quad \left| \begin{array}{l} 5 \\ \hline 3^\circ 32' 10'' \end{array} \right. \\
 \underline{- 15} \\
 2^\circ \times 60 = \underline{+ 120'} \\
 160' \\
 \underline{- 160'} \\
 0' \times 60 = \underline{+ 0''} \\
 52'' \\
 \underline{- 50''} \\
 2''
 \end{array}$$

$$\begin{array}{r}
 (38^\circ 18' 53'') : 3 \rightarrow 38^\circ \quad 18' \quad 53'' \quad \left| \begin{array}{l} 3 \\ \hline 12^\circ 46' 17'' \end{array} \right. \\
 \underline{- 36} \\
 2^\circ \times 60 = \underline{+ 120'} \\
 138' \\
 \underline{- 138'} \\
 0' \times 60 = \underline{+ 0''} \\
 53'' \\
 \underline{- 51''} \\
 2''
 \end{array}$$





$$\begin{array}{r}
 (12^\circ 39' 42'') : 8 \rightarrow 12^\circ \quad 39' \quad 42'' \quad \left| \begin{array}{l} 8 \\ \hline 1^\circ 34' 57'' \end{array} \right. \\
 - \quad 8 \\
 \hline
 4^\circ \times 60 = +240' \\
 \hline
 279' \\
 - \quad 272' \\
 \hline
 7' \times 60 = +420'' \\
 \hline
 462'' \\
 - \quad 456'' \\
 \hline
 6''
 \end{array}$$

$$\begin{array}{r}
 (27^\circ 32' 46'') : 2 \rightarrow 27^\circ \quad 32' \quad 46'' \quad \left| \begin{array}{l} 2 \\ \hline 13^\circ 46' 23'' \end{array} \right. \\
 - \quad 26 \\
 \hline
 1^\circ \times 60 = +60' \\
 \hline
 92' \\
 - \quad 92' \\
 \hline
 0' \times 60 = +0'' \\
 \hline
 46'' \\
 - \quad 46'' \\
 \hline
 0''
 \end{array}$$

$$\begin{array}{r}
 (29^\circ 43' 40'') : 5 \rightarrow 29^\circ \quad 43' \quad 40'' \quad \left| \begin{array}{l} 5 \\ \hline 5^\circ 56' 44'' \end{array} \right. \\
 - \quad 25 \\
 \hline
 4^\circ \times 60 = +240' \\
 \hline
 283' \\
 - \quad 280' \\
 \hline
 3' \times 60 = +180'' \\
 \hline
 220'' \\
 - \quad 220'' \\
 \hline
 0''
 \end{array}$$

$$\begin{array}{r}
 (20^\circ 20' 56'') : 3 \rightarrow 20^\circ \quad 20' \quad 56'' \quad \left| \begin{array}{l} 3 \\ \hline 6^\circ 46' 58'' \end{array} \right. \\
 - \quad 18 \\
 \hline
 2^\circ \times 60 = +120' \\
 \hline
 140' \\
 - \quad 138' \\
 \hline
 2' \times 60 = +120'' \\
 \hline
 176'' \\
 - \quad 174'' \\
 \hline
 2''
 \end{array}$$

$$\begin{array}{r}
 (26^\circ 53' 29'') : 8 \rightarrow 26^\circ \qquad 53' \qquad 29'' \quad \left| \begin{array}{l} 8 \\ \hline 3^\circ 21' 41'' \end{array} \right. \\
 - \underline{24} \\
 \quad 2^\circ \times 60 = +120' \\
 \qquad \quad 173' \\
 - \underline{168'} \\
 \qquad \quad 5' \times 60 = +300'' \\
 \qquad \qquad \quad 329'' \\
 - \underline{328''} \\
 \qquad \qquad \qquad 1''
 \end{array}$$

$$\begin{array}{r}
 (36^\circ 42' 50'') : 2 \rightarrow 36^\circ \qquad 42' \qquad 50'' \quad \left| \begin{array}{l} 2 \\ \hline \end{array} \right. \\
 - \underline{\quad} \\
 \qquad \quad \underline{\quad} \\
 \qquad \quad \underline{\quad} \\
 \qquad \quad \underline{\quad} \\
 \qquad \quad \underline{\quad}
 \end{array}$$

$$\begin{array}{r}
 (18^\circ 49' 42'') : 5 \rightarrow 18^\circ \qquad 49' \qquad 42'' \quad \left| \begin{array}{l} 5 \\ \hline \end{array} \right. \\
 - \underline{\quad} \\
 \qquad \quad \underline{\quad} \\
 \qquad \quad \underline{\quad} \\
 \qquad \quad \underline{\quad} \\
 \qquad \quad \underline{\quad}
 \end{array}$$

$$\begin{array}{r}
 (22^\circ 39' 16'') : 3 \rightarrow 22^\circ \qquad 39' \qquad 16'' \quad \left| \begin{array}{l} 3 \\ \hline \end{array} \right. \\
 - \underline{\quad} \\
 \qquad \quad \underline{\quad} \\
 \qquad \quad \underline{\quad} \\
 \qquad \quad \underline{\quad} \\
 \qquad \quad \underline{\quad}
 \end{array}$$

$$\begin{array}{r}
 (26^\circ 53' 29'') : 8 \rightarrow 26^\circ \qquad 53' \qquad 29'' \quad \left| \begin{array}{l} 8 \\ \hline 3^\circ 21' 41'' \end{array} \right. \\
 \underline{- 24} \\
 2^\circ \times 60 = \underline{+120'} \\
 173' \\
 \underline{- 168'} \\
 5' \times 60 = \underline{+300''} \\
 329'' \\
 \underline{- 328''} \\
 1''
 \end{array}$$

$$\begin{array}{r}
 (36^\circ 42' 50'') : 2 \rightarrow 36^\circ \qquad 42' \qquad 50'' \quad \left| \begin{array}{l} 2 \\ \hline 18^\circ 21' 25'' \end{array} \right. \\
 \underline{- 36} \\
 0^\circ \times 60 = \underline{+0'} \\
 42' \\
 \underline{- 42'} \\
 0' \times 60 = \underline{+0''} \\
 50'' \\
 \underline{- 50''} \\
 0''
 \end{array}$$

$$\begin{array}{r}
 (18^\circ 49' 42'') : 5 \rightarrow 18^\circ \qquad 49' \qquad 42'' \quad \left| \begin{array}{l} 5 \\ \hline 3^\circ 45' 56'' \end{array} \right. \\
 \underline{- 15} \\
 3^\circ \times 60 = \underline{+180'} \\
 229' \\
 \underline{- 225'} \\
 4' \times 60 = \underline{+240''} \\
 282'' \\
 \underline{- 280''} \\
 2''
 \end{array}$$

$$\begin{array}{r}
 (22^\circ 39' 16'') : 3 \rightarrow 22^\circ \qquad 39' \qquad 16'' \quad \left| \begin{array}{l} 3 \\ \hline 7^\circ 33' 5'' \end{array} \right. \\
 \underline{- 21} \\
 1^\circ \times 60 = \underline{+60'} \\
 99' \\
 \underline{- 99'} \\
 0' \times 60 = \underline{+0''} \\
 16'' \\
 \underline{- 15''} \\
 1''
 \end{array}$$

$$\begin{array}{r}
 (40^\circ 28' 54'') : 7 \rightarrow 40^\circ \quad 28' \quad 54'' \quad \left| \begin{array}{l} 7 \\ \hline 5^\circ 46' 59'' \end{array} \right. \\
 - \underline{35} \\
 5^\circ \times 60 = \underline{+300}' \\
 328' \\
 - \underline{322}' \\
 6' \times 60 = \underline{+360}'' \\
 414'' \\
 - \underline{413}'' \\
 1''
 \end{array}$$

$$\begin{array}{r}
 (22^\circ 48' 51'') : 5 \rightarrow 22^\circ \quad 48' \quad 51'' \quad \left| \begin{array}{l} 5 \\ \hline \end{array} \right. \\
 - \underline{\quad} \\
 \underline{\quad} \\
 \underline{\quad} \\
 \underline{\quad} \\
 \underline{\quad}
 \end{array}$$

$$\begin{array}{r}
 (21^\circ 45' 51'') : 6 \rightarrow 21^\circ \quad 45' \quad 51'' \quad \left| \begin{array}{l} 6 \\ \hline \end{array} \right. \\
 - \underline{\quad} \\
 \underline{\quad} \\
 \underline{\quad} \\
 \underline{\quad} \\
 \underline{\quad}
 \end{array}$$

$$\begin{array}{r}
 (40^\circ 48' 16'') : 8 \rightarrow 40^\circ \quad 48' \quad 16'' \quad \left| \begin{array}{l} 8 \\ \hline \end{array} \right. \\
 - \underline{\quad} \\
 \underline{\quad} \\
 \underline{\quad} \\
 \underline{\quad} \\
 \underline{\quad}
 \end{array}$$

$$\begin{array}{r}
 (40^\circ 28' 54'') : 7 \rightarrow 40^\circ \qquad 28' \qquad 54'' \quad \left| \begin{array}{l} 7 \\ \hline 5^\circ 46' 59'' \end{array} \right. \\
 \underline{- 35} \\
 5^\circ \times 60 = \underline{+ 300'} \\
 328' \\
 \underline{- 322'} \\
 6' \times 60 = \underline{+ 360''} \\
 414'' \\
 \underline{- 413''} \\
 1''
 \end{array}$$

$$\begin{array}{r}
 (22^\circ 48' 51'') : 5 \rightarrow 22^\circ \qquad 48' \qquad 51'' \quad \left| \begin{array}{l} 5 \\ \hline 4^\circ 33' 46'' \end{array} \right. \\
 \underline{- 20} \\
 2^\circ \times 60 = \underline{+ 120'} \\
 168' \\
 \underline{- 165'} \\
 3' \times 60 = \underline{+ 180''} \\
 231'' \\
 \underline{- 230''} \\
 1''
 \end{array}$$

$$\begin{array}{r}
 (21^\circ 45' 51'') : 6 \rightarrow 21^\circ \qquad 45' \qquad 51'' \quad \left| \begin{array}{l} 6 \\ \hline 3^\circ 37' 38'' \end{array} \right. \\
 \underline{- 18} \\
 3^\circ \times 60 = \underline{+ 180'} \\
 225' \\
 \underline{- 222'} \\
 3' \times 60 = \underline{+ 180''} \\
 231'' \\
 \underline{- 228''} \\
 3''
 \end{array}$$

$$\begin{array}{r}
 (40^\circ 48' 16'') : 8 \rightarrow 40^\circ \qquad 48' \qquad 16'' \quad \left| \begin{array}{l} 8 \\ \hline 5^\circ 6' 2'' \end{array} \right. \\
 \underline{- 40} \\
 0^\circ \times 60 = \underline{+ 0'} \\
 48' \\
 \underline{- 48'} \\
 0' \times 60 = \underline{+ 0''} \\
 16'' \\
 \underline{- 16''} \\
 0''
 \end{array}$$