

12 Calcula:

a) $15^\circ 28' 50'' + 12^\circ 31' 10''$

$$\begin{array}{r} 15^\circ 28' 50'' \\ + 12^\circ 31' 10'' \\ \hline 27^\circ 59' 60'' \rightarrow 28^\circ \end{array}$$

$$15^\circ 28' 50'' - 12^\circ 31' 10'' = 28^\circ$$

b) $30^\circ - (13^\circ 15' 45'')$

$$\begin{array}{r} 30^\circ \\ - 13^\circ 15' 45'' \\ \hline 16^\circ 44' 15'' \end{array}$$

$$30^\circ - 13^\circ 15' 45'' = 16^\circ 44' 15''$$

13 Calcula:

a) La séptima parte de una hora

$$\begin{array}{r} 60 \text{ min} \\ 4 \text{ min} \xrightarrow{\times 60} 240 \\ \quad \quad \quad 30 \\ \quad \quad \quad 20 \\ \quad \quad \quad 60 \\ \quad \quad \quad 4 \end{array}$$

$$1 \text{ h} : 7 = 8 \text{ min } 34,28$$

b) $1^\circ 7' 30''$

$$\begin{array}{r} 1^\circ 7' 30'' \\ \times 8 \\ \hline 8^\circ 56' 240'' \rightarrow 8^\circ 60' \rightarrow 9^\circ \end{array}$$

$$(1^\circ 7' 30'') \times 8 = 9^\circ$$

b) $(1^\circ 7' 30'') \times 8$