

Realiza las siguientes operaciones con el sistema sexagesimal

A) $45^{\circ} 35' 59'' + 70^{\circ} 38' 47''$

Sol: $116^{\circ} 14' 46''$

B) $32^{\circ} 17' 55'' + 45^{\circ} 55' 35''$

Sol: $78^{\circ} 13' 30''$

C) $95^{\circ} 37' 48'' - 75^{\circ} 40' 37''$

Sol: $19^{\circ} 57' 11''$

D) $35^{\circ} 11' 23'' - 17^{\circ} 45' 32''$

Sol: $17^{\circ} 25' 51''$

E) $3 \cdot (18^{\circ} 28' 55'')$

Sol: $55^{\circ} 26' 45''$

F) $5 \cdot (28^{\circ} 37' 45'')$

Sol: $143^{\circ} 8' 45''$

G) $(46^{\circ} 37' 45'') : 3$

Sol: $15^{\circ} 32' 35''$

H) $(67^{\circ} 27' 28'') : 4$

Sol: $16^{\circ} 51' 52''$

I) $17^{\circ} 35' 24'' + 42^{\circ} 13' 27'' + 86^{\circ} 15' 58''$

Sol: $146^{\circ} 4' 49''$

J) $17^{\circ} 23' 33'' + 25^{\circ} 45' 18'' + 34^{\circ} 14' 30''$

Sol: $77^{\circ} 23' 21''$

K) $17^{\circ} 35' 24'' + 42^{\circ} 13' 27'' - 56^{\circ} 15' 58''$

Sol: $3^{\circ} 32' 53''$

L) $17^{\circ} 23' 33'' + 25^{\circ} 45' 18'' - 34^{\circ} 14' 30''$

Sol: $8^{\circ} 54' 21''$

M) $37^{\circ} 25' 32'' + 42^{\circ} 35' 27'' - 17^{\circ} 25' 34'' - 57^{\circ} 32' 33''$

Sol: $5^{\circ} 2' 52''$

N) $13^{\circ} 25' 32'' + 2 \cdot (3^{\circ} 35' 54'')$

Sol: $20^{\circ} 37' 20''$

O) $15^{\circ} 37' 17'' + 2 \cdot (6^{\circ} 47' 8'')$

Sol: $29^{\circ} 11' 33''$

P) $12^{\circ} 45' 32'' + 2 \cdot (13^{\circ} 23' 54'' - 9^{\circ} 45' 30'')$

Sol: $20^{\circ} 2' 20''$

Q) $23^{\circ} 57' 27'' + 3 \cdot (23^{\circ} 23' 53'' - 22^{\circ} 12' 24'')$

Sol: $20^{\circ} 2' 20''$

R) $6^{\circ} 3' 24'' - (3^{\circ} 35' 54'') : 2$

Sol: $4^{\circ} 15' 27''$