

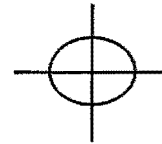
Simplified Traverse Table Worksheet

Initial Position: L_1 _____ ° ' _____ Lo_1 _____ ° ' _____

Course: _____ T

Distance traveled: $D =$ _____ nm

Find: Arrival position: L_2, Lo_2



1. Course: _____ T => C $\begin{matrix} N & E \\ S & W \end{matrix}$; factor (C) = _____

2. Complement C = $90^\circ - C$
 = $90^\circ -$ _____
 = _____ ; factor (Comp. C) = _____

3. Diff Lat = $D \times \text{factor (C)}$
 = _____ nm x _____
 = _____ rounded to _____

4. Departure = $D \times \text{factor (Comp. C)}$
 = _____ nm x _____
 = _____ nm

5. $L_2 = L_1 (+/-) \text{ Diff Lat}$
 = _____ ° ' _____ (+ -) _____
 = _____

6. Mid Lat = $(L_1 + L_2) / 2$ OR = $L_1 (+/-) (\text{Diff Lat} / 2)$
 = _____ ° ' _____ OR = _____ ° ' _____
 = _____ rounded to _____

factor (Mid-Lat) = _____

7. Diff Lo = Departure / factor (Mid-Lat)
 = _____ nm / _____
 = _____ rounded to _____

8. $Lo_2 = Lo_1 (+/-) \text{ Diff Lo}$
 = _____ ° ' _____ (+ -) _____
 = _____

Answer: Arrival Position = L_2 _____ ° ' _____ Lo_2 _____ ° ' _____

Simplified Traverse Table												
Angle	0°	18°	31°	41°	49°	56°	63°	69°	75°	81°	87°	90°
Factor	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1	0.0	