

Plain Sailing in Nov 1841

By Inspection

Seek in the Table till the given difference of Lat & Dep. are given in their Respective column & the course will be found at the Top of that table if the Dep. be Less than the Diff. of Lat. otherwise at the bottom

Thus With $\frac{1}{2}$ the Diff. of Lat $135 - \frac{5}{10}$ and $3\frac{1}{2}$ the Dep. 208 enter the table. & their number will be found to correspond nearly to 5 points or N by W by W. and Dist equal to 244 miles with being Doubled gives the sought Dist 488 miles

Questions to Exercise the Learner in the foregoing Rule

Q 1 A Ship in Lat $2^{\circ} 10'$ South Lat sails N by E. 207 miles What Lat is she in and what is her Dep

$$\begin{array}{r} 2108 \\ 422 \\ \hline 2530 \end{array}$$

Ans $21^{\circ} 2'$ N

Q 2 A Ship sails SSW from a port in $41^{\circ} 30'$ N & then by Ob^{er} is in $38^{\circ} 57'$ N Lat I demand the Dist run & Dep

$$\begin{array}{r} 41^{\circ} 30' \\ 38^{\circ} 57' \\ \hline 2^{\circ} 33' \end{array}$$

Ans 987 Dist

$$\begin{array}{r} 1974 \\ 490 \\ \hline 2464 \end{array}$$

Dep 246 miles

Q 3 A ship sails SSW from a port $2^{\circ} 30'$ South Lat till her Dep be 100 miles I demand her Lat run & Lat in

$$\begin{array}{r} 2^{\circ} 30' \\ 5^{\circ} 31' \\ \hline 8^{\circ} 01' \end{array}$$

Ans 168-8 Lat

$$\begin{array}{r} 3385 \\ 51 \\ \hline 3436 \end{array}$$

Lat $1^{\circ} 18'$

195
37
185
37
394
30
424