

Four days ago we were in lat. $3^{\circ}25'$ N. & have since that time sailed in a direct course N.W. by N. at the rate of 5 miles an hour; required the present Lat. & Dep.?

$10,00000$ as radii 8 pts. - $10,00000$
 is to Dist 168 = $5,88533$ is to Dist 578 - $2,88536$
 So is sine course 3 pts. $1,74414$ So is sine 3 pts. - $1,71185$
 is to Diff. Dep. 426.7 $2,63010$ is to Diff. of Lat. 638.6 - $2,80521$
 $10^{\circ}38'$
 $3^{\circ}25'$
 Lat. in - $7^{\circ}13'$

Ex. 47.

Compute the diff. of Lat. given to find the Dist run, & Dep. from the meridians.

Example.

At this in the lat. of $3^{\circ}52'$ N. is bound to a point bearing S.W. by W. 1/2 W. in the lat. of $1^{\circ}30'$ N. how far does that point lie to the Westward, & what is the Ship's Dist. from it?

As sine course 57 pts. - $1,67339$ As radii - $10,00000$
 is to Diff. Lat. 522. - $2,70070$ is to Diff. Lat. 502 - $2,70070$
 So is ~~course~~ $10,00000$ So is sine course 5 pts. - $2,7188$
 is to Dist. - 1055 - $3,02131$ So Dep. 138.8. - $2,71251$

A List of Whales spoken by the B. Barclay.

Friday June 7th. 43. Spoke Barque Maria, Weymond
 1. B. Bedford 600 BBL. Sp. 30 mod. out. Lat. $36^{\circ}20'$ N. L. 50° W.
 Monday July 10th. 43. Spoke Brig Juno Cook, Mattapois
 20 days out clean. Recd. 2 letters from home.
 Wednesday July 12th. 43. Spoke Brig Edwards, Mayhew
 Mattapoisett, 15 mod. out 380 BBL. Sp. Oil.
 Monday July 24th. 43. Spoke Barque Willis, Daggett
 Mattapoisett, 15 mod. out 550 BBL.
 Tuesday July 8th. 43. Spoke Barque Sarah Fisher, Mattapois
 18 mod. 530 BBL. Sp.