

### A Vector Problem

Friday, May 21, 2010  
12:11 PM

3. A battlesub travels at 15.00 nautical miles per hour (knots) N 20° E in waters with a current of 0.60 knots due east. Find the groundspeed of the battlesub, and its actual direction of travel (as a vector).

① To find the actual speed, add the vectors representing the air/water speed & the wind/current.

