2D Vector Addition

Ex1: Wright Chuz ran 45m@ 30o[N of E] and then 120m @ 67o [E of S], what is his displacement?

The problem with three displacements.

Jill cycles 78m North, then 37m @ 71o [W of N], followed by a final displacement of 38m 45o [S of W]. What is her final displacement?